

AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been divided into sections.

EDMC#: 0075858

SECTION: 2 OF 2

DOCUMENT #: 08-AMCP-0085

TITLE: ADMINISTRATIVE
DECOMMISSIONING FOR
WELLS WITH SURVEYS

699-11-E5A
A8227

WELL ATTRIBUTES REPORT

WELL ID	A8227	NORTHING	126875.69	FIELD ORDER NO	
WELL NAME	699-11-E5A	EASTING	591350.805	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.81	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8227	NORTHING	126875.69	FIELD ORDER NO	
WELL NAME	699-11-E5A	EASTING	591350.805	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.81	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

NORTHWEST
ENERGY

SEE SURVEY REPORT - WELL DECOMMISSIONED
- ELL 6/15/09

WELL ATTRIBUTES REPORT

WELL ORDER NO
WELL ID A8227
WELL NAME 699-11-E5A
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 126875.69
EASTING 591350.805
ELEVATION 140.81

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
QUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> MINOR ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> REMOVED ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

SEE SURVEY REPORT - WELL DECOMMISSIONED
ELN 06/15/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A8227
WELL NAME 699-11-E5A
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 126875.69
EASTING 591350.805
ELEVATION 140.81

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION			
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

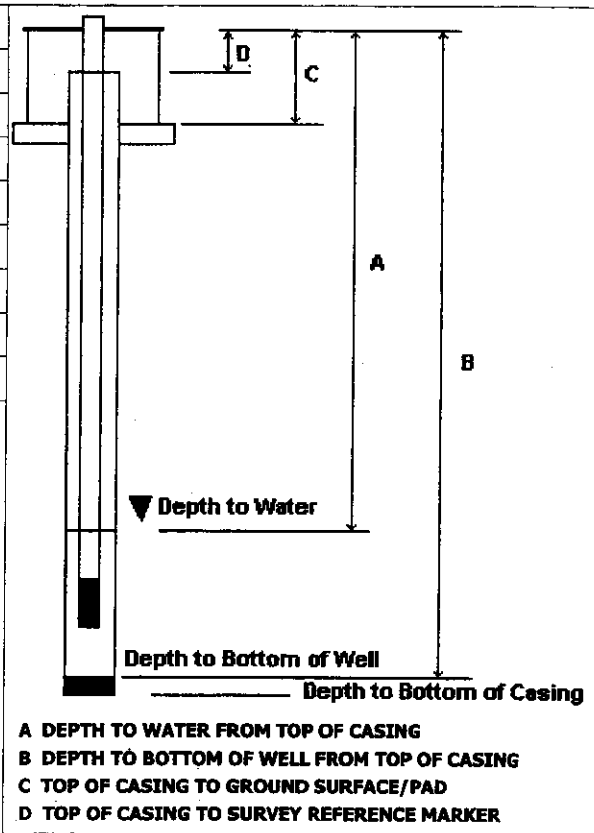
CHANGES

CASING INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION					
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES



WELL NAME	COORDINATES	CASING ELEV	DRILL DEPTH	PERF/SCREEN	COMMENTS
WELL TYPE PUMP TYPE	L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	PREVIOUS WELL NAMES
				TYPE DIAM TOP BOT	
699-10-4		9600.00		74.0	
SW		-3800.00			B-SP-5
699-10-6		10400.00	458.40	94.0	
SW		-5600.00	12/74		1D-SP-1
699-10-10		10014.00	518.00	125.0	SEISMIC SHOT HOLE FILLED
SW		-9862.00	5.0 3/63		SP. 3-4 GSI
699-10-30A		9909.00	554.98	780.0	4" PLASTIC LINER
GW		-30464.00	4.0	466.0	
B			12/81	92.0	699-10-30, GOLDER
699-10-30B			6.0		
GW			12/81	154.0	
699-10-54A		10150.00	516.40	200.0	P 8.0 103.0 123.0
GW		-53550.00	8.0	144.0	PLUG AT 144 FT.
S			12/50	111.0	10.2-53.5, USGS
699-10-54B		10125.00	516.20		BWIP WELL DC-12; ABANDONED
AB		-53687.00	3.0	4455.0	
			5/81		DC-12
699-10-99		10200.00	1160.01	1003.0	
OS		-98550.00		1003.0	
			12/22		RATSNK NO.11
699-11-E10		11400.00	464.10	130.0	
	Hanford Wells				1B-SP-18
	PNL-8800 UC-903				
	M. A. Chamness & J. K. Merz			125.0	
	August 1993			99.0	1B-SP-17
	Prepared for U. S. Dept of Energy under			567.0	
	Contract DE-AC06-76RLO 1830				
	Pacific NW Lab by Battelle Memorial Institute				BH-143
699-11-E5		11000.00	458.54	121.0	
SW		4700.00			
			12/74		1C-SP-7

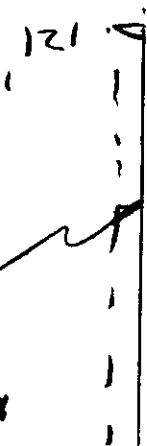
Seismic
Start
note

2

*

Other data says:
1975
372
2012 & 10" casings
screened in 4 intervals
235-360

699-11-E-5A
Ct? 12/1974

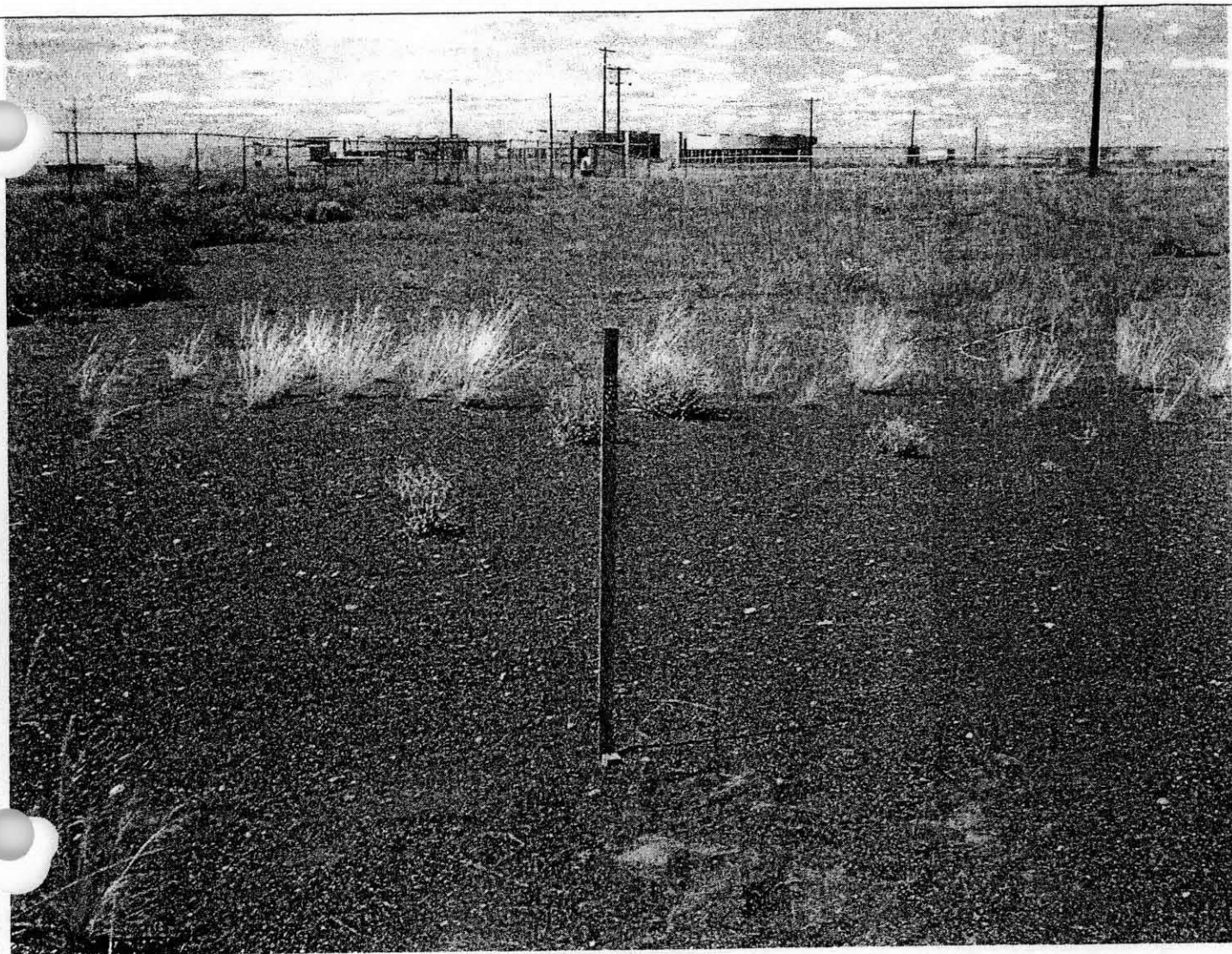


A8227
KRB 3/2/05

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A8227	699-11-E5A	UNKNOWN	NAD83	01/01/1801	CONVERTED	126875.69	591350.805	m	

SURVEY DATA REPORT				Request No. 073-268	
Project No.		Title: Well Decommissioning A8227 <i>/699-11-DESA</i>		File No. 6AT11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 6/8/2007	Reviewer <i>SAW</i>		Page 1 of 2
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8227. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber		
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8227 was not found at the listed coordinates: N126875.69 E591350.81</p> <p>Set hub and lath.</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p> <p>See Photo</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



A8227

<input checked="" type="checkbox"/> Survey <input type="checkbox"/> Scan		SURVEY REQUEST		Request No. 0 7 3 - 0 2 6 8	
Project No. 65400811.1225400 CA10		Title Well Decommissioning: Energy Northwest Plant #1 & #4 Areas		File No. 6 A T I I R 2 8	
J No. 65400811.1225400 CA10		Requested By Bonnie Howard		Phone 373-3935 / 366-6173	
Field Contact Ed Rafuse		Organization FH		Date Required ASAP	
				Location MO413 / 107 / 200E	
REFERENCE DOCUMENTS		GRID SYSTEM		DISTRIBUTION	
QMAP Plot & HWIS Coordinate List		<input checked="" type="checkbox"/> Lambert <input type="checkbox"/> Plant <input type="checkbox"/> Area <input type="checkbox"/> Geographic		Survey File	
				B.J. Howard	
				E.C. Rafuse	
				G.G. Kely	
LOCATION OF WORK		WORK CONDITIONS			
ENW Plant #1 & #4/ 600A (See Sketch)		<input type="checkbox"/> SWP <input type="checkbox"/> Mask <input type="checkbox"/> Operator <input type="checkbox"/> Exclusion Entry		W.D. WEBBER	
SPECIAL INSTRUCTIONS					
ITEM	DESCRIPTION OF WORK				
1.	Stake or locate wells in support of Well Decommissioning. If found, obtain information for WAR report.				
	Wells: A8227, A8257, A8274, A8286, A8304, A8308, A8309, A8310, A8311, A8312, A8313, A8336, A8337 & A8347.				
Prepared By N.P. Fastabend		Date 4/24/07		Reviewed By	
NOTES/COMMENTS					
Lead Surveyor/Crew					
3223 #					
Date:		Signature:			

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS
A8227	699-11-E5A	12/31/1974		121	ft	

699-12-2A
A8246

WELL ATTRIBUTES REPORT

WELL ID	A8246	NORTHING	127212.438	FIELD ORDER NO	
WELL NAME	699-12-2A	EASTING	589276.392	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/1/1801	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1				
WASTE STORAGE(S)	310 TEDF YARD SE CORNER				

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8246	NORTHING	127212.438	FIELD ORDER NO	
WELL NAME	699-12-2A	EASTING	589276.392	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/1/1801	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)	Waste Management Plan for the 300-FF-5 Operable Unit./REV NUM 1				
WASTE STORAGE(S)	310 TEDF YARD SE CORNER				

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8246
Well Name 699-12-2A
Inspection ID: 3467
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	<p style="text-align: center;"> ▼ Depth to Water Depth to Bottom of Well Depth to Bottom of Casing </p>	
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)		<p>ND* - Not Documented</p>	
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		

*Northwest
Energy*

SEE SURVEY REPORT & PHOTO - WELL DECOMMISSIONED

*ELN
06/15/07*

WELL ATTRIBUTES REPORT

FIELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A8246	NORTHING	127212.438
WELL NAME	699-12-2A	EASTING	589276.392
HOST WELL ID		ELEVATION	
		CONST DATE	
		CONST DEPTH	

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO		
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		
LAST PUMP INFORMATION			CURRENT PUMP INFORMATION		
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO		
ACTIVITY PERFORMED BY	ND*	ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*	PUMP TYPE			
PUMP MAKE	ND*	PUMP MAKE			
PUMP MODEL	ND*	PUMP MODEL			
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)		TUBING SIZE (in)			
TUBING MATERIAL	ND*	TUBING MATERIAL			
TUBING LENGTH (ft)		TUBING LENGTH (ft)			
TUBING CONNECTION	ND*	TUBING CONNECTION			

WELL ATTRIBUTES REPORT

FIELD ORDER NO

LAST INSPECTION

1/1/1801

WELL ID

A8246

NORTHING

127212.438

WELL NAME

699-12-2A

CONST DATE

EASTING

589276.392

HOST WELL ID

CONST DEPTH

ELEVATION

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

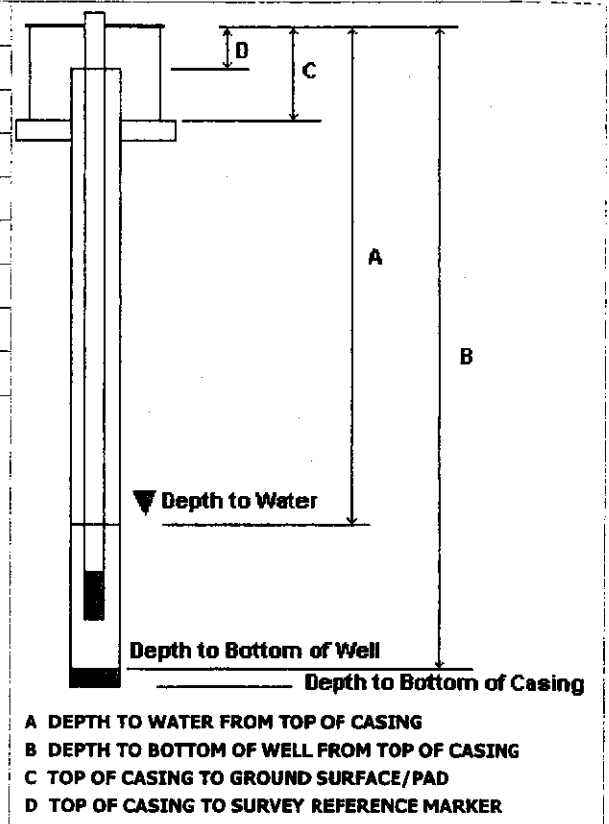
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
------	-----	--------	----------	------	------------	-----------

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
------	-----	--------	----------	------	-----------

CHANGES



WELL NAME WELL TYPE PUMP TYPE	COORDINATES L 83 NS/EW	PLANT NS/EW	CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS
					TYPE	DIAM	TOP	BOT
699-12-1E AB		12070.00 -1450.00	439.40 4/71	108.0 61.0				DESTROYED B-4
699-12-1F AB		12070.00 -1275.00	438.90 4/71	150.0 62.0				DESTROYED B-5
699-12-1G AB		12070.00 -1100.00	439.20 3/71	99.0				DESTROYED B-6
699-12-1H AB		11880.00 -1450.00	441.10 5/71	150.0 62.0				DESTROYED B-7
699-12-1J AB		11880.00 -1275.00	440.60 4/71	105.0 63.0				DESTROYED B-8
699-12-1K AB		18800.00 -1100.00	439.80 4/71	250.0 66.0				DESTROYED B-9
699-12-1L AB		12040.00 -1335.00	439.40 4/71	109.0 61.0				DESTROYED B-10
699-12-1P AB		12120.00 -1450.00	439.00 12/72	58.0				DESTROYED B-29
699-12-1Q		12120.00	438.70					DESTROYED B-30
Hanford Wells								
PNL-8800 UC-903								
M. A. Chamness & J. K. Merz				61.0				DESTROYED
August 1993								B-31
Prepared for U. S. Dept of Energy under				61.0				DESTROYED
Contract DE-AC06-76RLO 1830								
Pacific NW Lab by Battelle Memorial Institute								B-32
699-12-2A GW		12100.00 -2100.00	6.0	61.0 61.0				699-12-2, B-SP-6

WIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
68246	699-12-2A	UNKNOWN	NAD83	01/01/1801	CONVERTED	127212.438	589276.392	m	

SURVEY DATA REPORT				Request No. 073-267	
Project No.		Title: Well Decommissioning A8246 / 699-12-20		File No. 6AT11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 5/30/2007	Reviewer <i>Harry Herke</i>	Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8246. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8246 was not found at the listed coordinates: N127212.438 E589276.392</p> <p>Set PK Nail in blacktop.</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p> <p>Photo</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



699-13-2A
A8263

WELL ATTRIBUTES REPORT

WELL ID	A8263	NORTHING	127395.556	FIELD ORDER NO	
WELL NAME	699-13-2A	EASTING	589367.304	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	135.011	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/1/1801	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8263	NORTHING	127395.556	FIELD ORDER NO	
WELL NAME	699-13-2A	EASTING	589367.304	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	135.011	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/1/1801	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8263
Well Name 699-13-2A
Inspection ID: 3413
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)		ND* - Not Documented	
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		

*NORTHWEST
ENERGY*

SEE SURVEY REPORT & PHOTO - WELL DECOMMISSIONED
ELN 06/15/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A8263
WELL NAME 699-13-2A
HOST WELL ID _____

CONST DATE _____
CONST DEPTH _____

LAST INSPECTION 1/1/1801
NORTHING 127395.556
EASTING 589367.304
ELEVATION 135.011

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SLAPPED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

WELL ATTRIBUTES REPORT

FIELD ORDER NO

LAST INSPECTION 1/1/1801

WELL ID A8263

NORTHING 127395.556

WELL NAME 699-13-2A

EASTING 589367.304

HOST WELL ID

CONST DATE

ELEVATION 135.011

CONST DEPTH

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

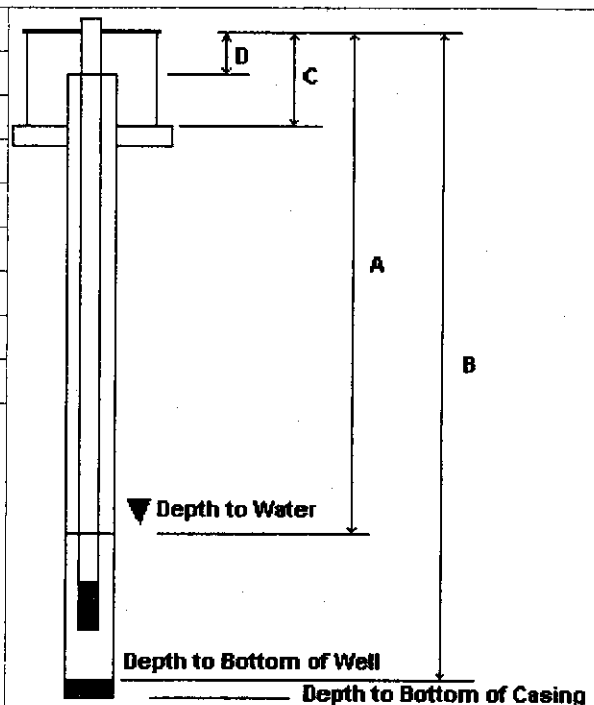
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
------	-----	--------	----------	------	------------	-----------

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
------	-----	--------	----------	------	-----------

CHANGES



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

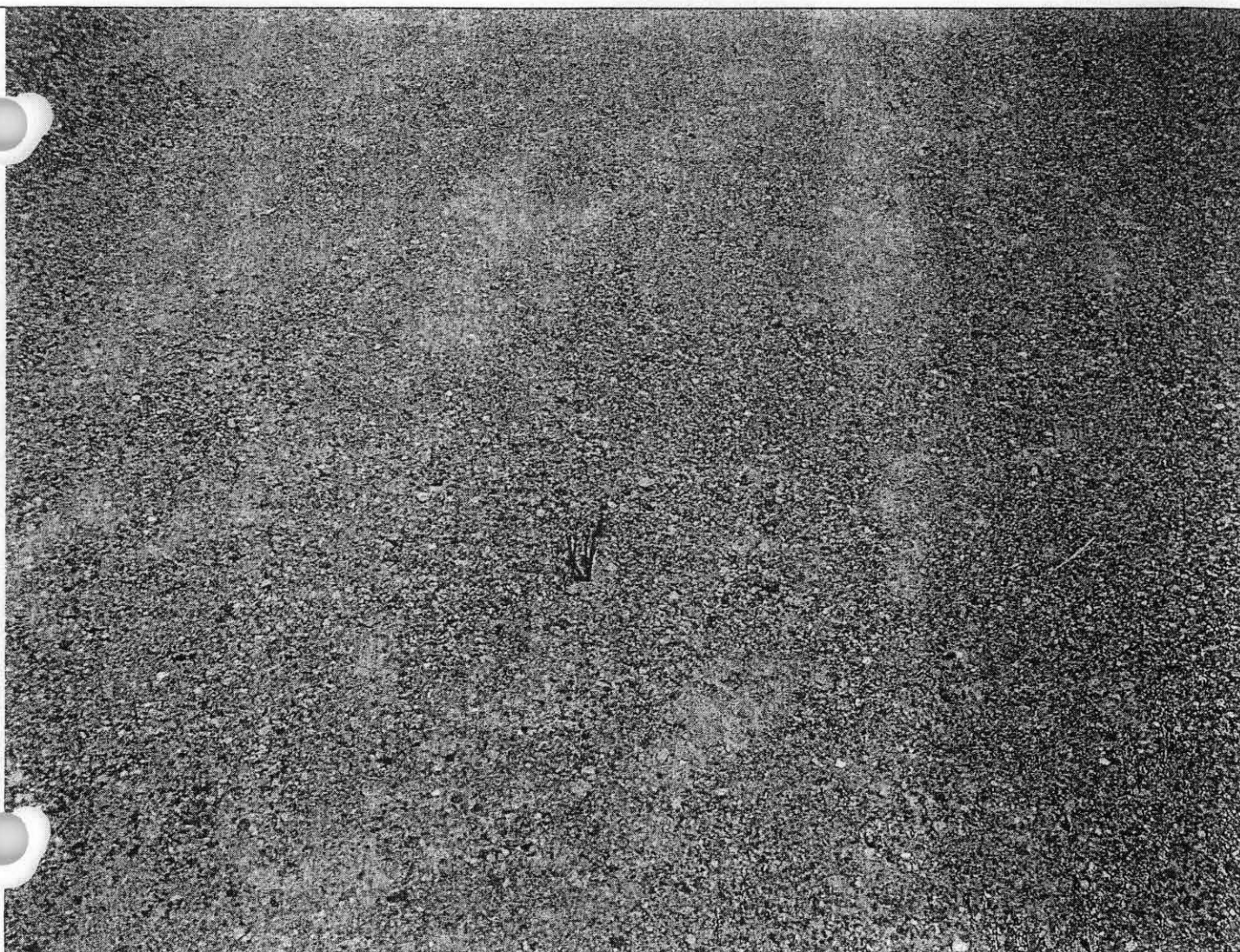
[illegible]

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A8263	699-13-2A	UNKNOWN	NAD83	01/01/1801	CONVERTED	127395.556	589367.304

SURVEY DATA REPORT				Request No. 073-267	
Project No.		Title: Well Decommissioning A8263 / 699-13-2A		File No. 6AT11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 5/30/2007	Reviewer <i>Larry Henke</i>	Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8263. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8263 was not found at the listed coordinates: N127395.56 E589367.30</p> <p>Set Chaser in gravel.</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p> <p>See Photo</p>					
<p>RE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



^{REV}
~~A-6263~~/699-13-2A
A8263

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_C
A8263	699-13-2A	01/01/1801						

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8263, Well Name: 699-13-2A					
A8263	– No information available –				

699-13-2B
A8264

WELL ATTRIBUTES REPORT

WELL ID	A8264	NORTHING	127342.183	FIELD ORDER NO	
WELL NAME	699-13-2B	EASTING	589353.74	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	135.011	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1972	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8264	NORTHING	127342.183	FIELD ORDER NO	
WELL NAME	699-13-2B	EASTING	589353.74	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	135.011	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1972	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8264
Well Name 699-13-2B
Inspection ID: 3414
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)			
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	ND* - Not Documented	

SEE SURVEY REPORT & PHOTO - WELL DECOMMISSIONED
ECR 05/15/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

A8264

WELL NAME

699-13-28

HOST WELL ID

CONST DATE

CONST DEPTH

LAST INSPECTION

1/1/1801

NORTHING

127342.183

EASTING

589353.74

ELEVATION

135.011

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> MINOR	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> REMOVED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

7/28/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID A8264
 WELL NAME 699-13-2B
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 127342.183
 EASTING 589353.74
 ELEVATION 135.011

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

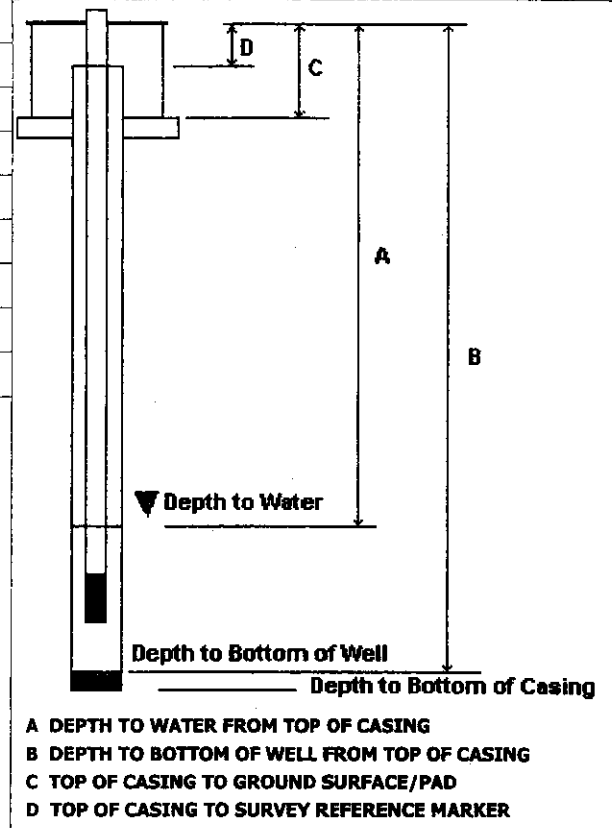
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
------	-----	--------	----------	------	------------	-----------

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
------	-----	--------	----------	------	-----------

CHANGES



WELL NAME	COORDINATES	CASING ELEV	DRILL DEPTH	PERF/SCREEN	COMMENTS
WELL TYPE PUMP TYPE	L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	PREVIOUS WELL NAMES
				TYPE DIAM TOP BOT	
699-13-E2C VW		12551.00 2475.00	436.90 12/74	57.0	CB-14
699-13-E2D AB		13455.00 2468.00	12/74	300.0	DESTROYED
699-13-0 SW		13350.00 -400.00	12/74	65.0	1D-SP-6
699-13-1 SW		13100.00 -1400.00			B-SP-7
699-13-1A GW		12830.00 -1320.00	441.50	245.0	WATER SUPPLY WELL WPPSS2 #1
699-13-1B		12525.00	439.00	234.0	WATER SUPPLY WELL WPPSS2 #2
<p>Hanford Wells PNL-8800 UC-903 M. A. Chamness & J. K. Merz August 1993 Prepared for U. S. Dept of Energy under Contract DE-AC06-76RLO 1830 Pacific NW Lab by Battelle Memorial Institute</p>					
699-13-2B GW		12525.00 -1845.00	439.50 12/72	70.0 41.0	B-35
699-13-2C SW		12800.00 -1500.00	440.90 12/74	82.0	DESTROYED 1D-SP-5
699-13-5 SW		13250.00 -4500.00	444.50 6.0 12/74	86.0 38.0	1A-SP-11
699-13-13A SW		13257.00 -13105.00	539.00 5.0 6/63	140.0	SEISMIC SHOT HOLE FILLED SP. 8 GSI

WELL CONSTRUCTION AND COMPLETION SUMMARY

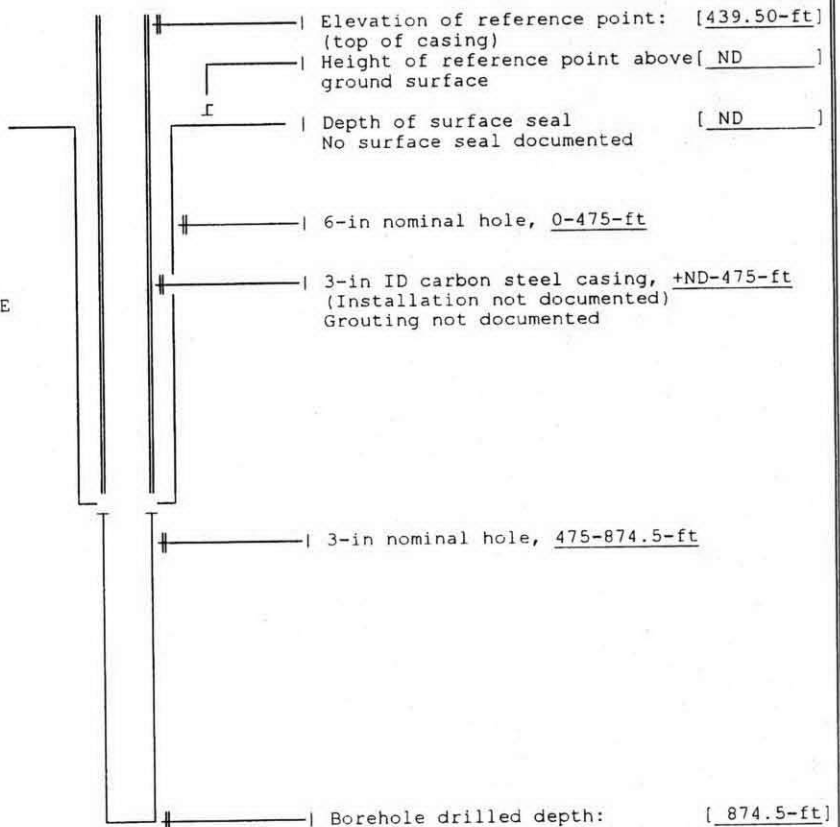
Drilling Rotary	Sample Rotary returns	WELL	TEMPORARY	WPPSS
Method: Core	Method: Wireline core	NUMBER: 699-13-2B	A8264	WELL NO: B-35
Drilling Coring	Additives	Hanford		
Fluid Used: Bentonite mud	Used: Not documented	Coordinates: N/S N 12,525	E/W W 1,845	
Driller's	WA State	State		
Name: Not documented	Lic Nr: Not documented	Coordinates: N 417,822	E 2,293,448	
Drilling Rotary=Soil Sampling	Company Puyallap WA	Start		
Company: Core=Longyear DC	Location: Spokane, WA	Card #: Not documented	T11N R28E S 5C	
Date	Date	Elevation		
Started: Within 1972	Complete: 14Nov72	Ground surface: Not documented		

Depth to water: Not recorded
(Ground surface)

GENERALIZED Geologist's
STRATIGRAPHY Log

0-40: Fine-cse SAND & GRAVEL
40-90: Sandy GRAVEL
90-110: Fine silty SAND
110-260: Sandy GRAVEL
260-290: SILT & clayey SILT
290-410: Sandy GRAVEL
410-420: SILT
420-465: Slightly silty CLAY
465-500.5: Basalt gravel CONGLOMERATE
500.5-516: Vesicular BASALT
516-545: Basalt SCORIA
545-626: Vesicular BASALT
626-634.6: Basalt SCORIA
634.6-676.2: TUFF
676.2-686: Basalt SCORIA
686-692: Basalt SCORIA and
vesicular BASALT
692-736: Vesicular BASALT
736-844.7: BASALT
844.7-854.3: TUFF
854.3-872: BASALT
872-874.5: Vesicular BASALT

DRILLING NOTE:
Hollowstem auger, 0-90-ft
Rotary, 90-566.5-ft
Core, 566.5-846.1-ft



Drawing By: RKL/6N13W02B.ASB
Date: 13Sep94
Reference: HANFORD WELLS

SMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-13-2B

WELL DESIGNATION : 699-13-2B
CERCLA UNIT : Not applicable
RCRA FACILITY : Not applicable
HANFORD COORDINATES : N 12,525 W 1,845 [HANFORD WELLS]
LAMBERT COORDINATES : N 417,822 E 2,293,448 [HANCONV]
DATE DRILLED : Core-Nov72
DEPTH DRILLED (GS) : 874.5-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : Not documented
CASING DIAMETER : 3-in ID carbon steel, +ND-475-ft? (Not documented)
ELEV TOP CASING : 439.50-ft [HANFORD WELLS]
ELEV GROUND SURFACE : Not documented
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : Not applicable
COMMENTS : FIELD INSPECTION,
OTHER:
AVAILABLE LOGS : Geologist
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : Nuclear power plant siting
CURRENT USER : Assigned WPPSS
PUMP TYPE : None
MAINTENANCE :

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE
A8264	699-13-2B	12/31/1972		875	ft			

Query HWIS again

Available Documents:

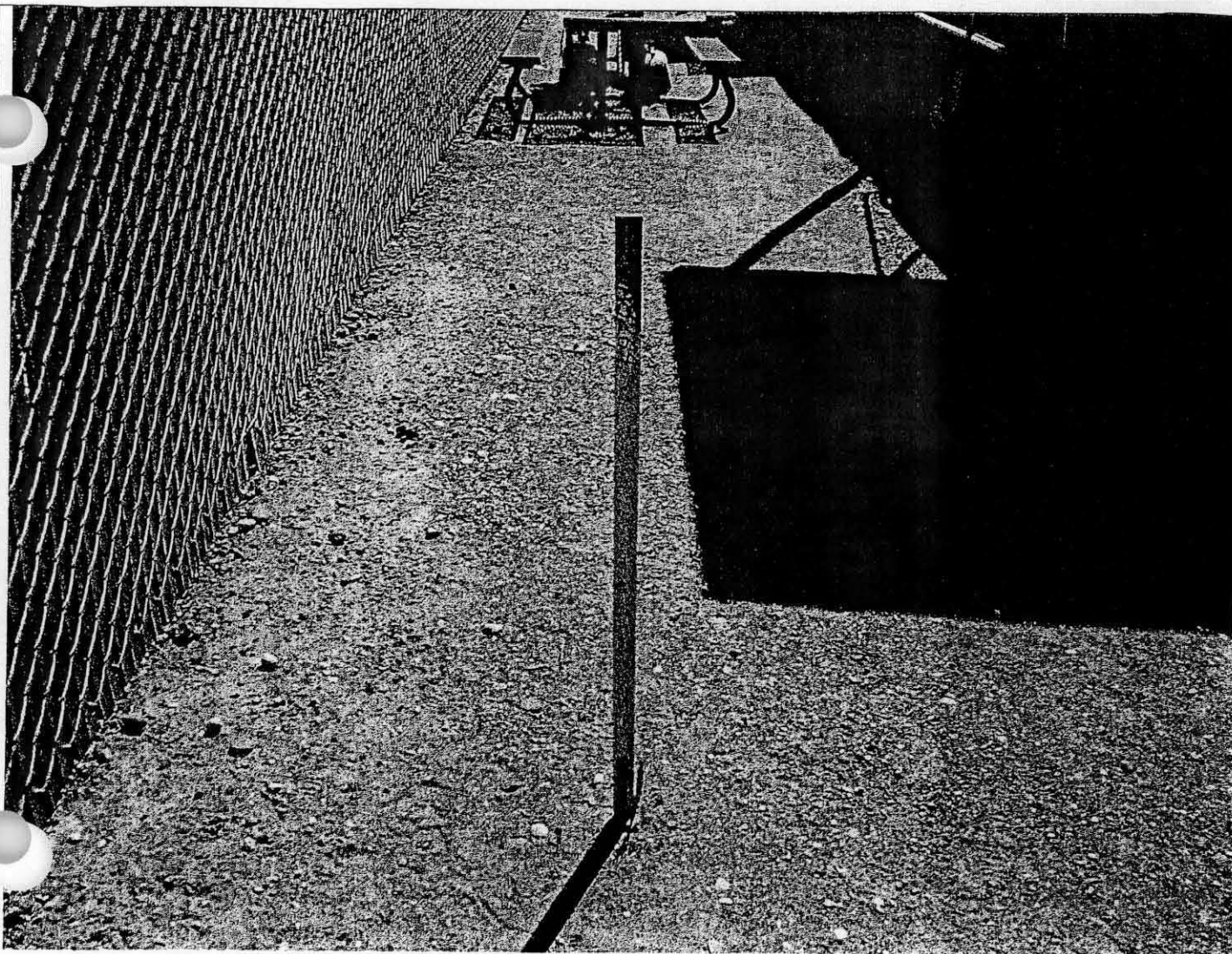
Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8264, Well Name: 699-13-2B					
A8264	– No information available –				

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A8264	699-13-2B	UNKNOWN	NAD83	01/01/1801	CONVERTED	127342.183	589353.74

SURVEY DATA REPORT				Request No. 073-267	
Project No.		Title: Well Decommissioning A8264 <i>1699-13-2B</i>			File No. 6AT11R28
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 5/30/2007	Reviewer <i>Samy Horvath</i>	Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8264. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
SURVEY RESULTS AND COMMENTS					
Well ID# A8264 was not found at the listed coordinates: N127342.18 E589353.74 Set hub and lath. Equipment Used: Trimble 5800 GPS Receiver, RTK See Photo					
NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.					



699-13-2B, A8264

A8264 699-13-2B

699-13-2B (8-35)

Location: N12525, W1845

11/28-5C3

Casing Elevation: 439.5

Rotary (to 475 ft.) & diamond coring, drilled
by Soil Sampling Service & Longyear Company &
logged by Shannon & Wilson for WPPSS, 1972.
WNP-2 bedrock geologic investigation borehole

Material (8)	Thickness	Depth
Dark gray, silty, fine to coarse sand & gravel	40	40
Light grayish brown, slightly silty, fine to coarse sandy gravel	50	90
Brown, micaceous silty, fine sand	20	110
Brown, very silty, fine to coarse sandy gravel	10	120
Brown, slightly silty, fine to coarse sand & fine gravel	70	190
Light brown, silty, fine to coarse sandy gravel	10	200
Light brown, fine to coarse sand & fine gravel, trace of silt	20	220
Gray, fine to coarse sandy gravel	40	260
Light gray to gray, silt & clayey silt	30	290
Gray to green-gray, fine to coarse sandy gravel	120	410
Dark brown, silt	10	420
Dark brown to gray slightly silty clay	45	465
Basalt conglomerate, soft, dark gray to black; rounded, predominantly basaltic gravel & cobbles to 4 in. sand matrix weakly cemented	36	501
Vesicular basalt, medium hard to hard, dark gray	17	518
Basalt scoria, medium hard, dark gray to black, contains oxidized zones	27	545
Vesicular basalt, very hard, dark gray, highly jointed	81	626
Basalt scoria highly broken (possible flow breccia)	9	635
Tuff, soft, greenish gray to gray	41	676
Basalt scoria mixed or filled with tuff from above	10	686
Basalt scoria or vesicular basalt	6	692
* gray to black & jointed	44	736
Basalt, very hard, gray to black, massive & jointed	109	845

* Vesicular basalt, very hard, dark

HANFORD WELLS
PNL-8800 UC-903
M.A. Channess & J.K. Merz
August 1993
Prepared for U.S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

699-13-28 (cont'd)

Material	Thickness	Depth
Tuff, medium soft, dark gray to green	9	854
Basalt, hard, dark gray to black scoriaceous with tuff filling from above	18	872
Vesicular basalt, very hard, dark gray to black	3	875

699-13-2C (1D-SP-5)

Location: N12800, W1500 11/28-5C4

Surface Elevation: 440.9

Air rotary, logged by Fugro for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand & gravel; brown to dark gray, medium to coarse sand, gravel	20	20
Sand; brown to dark gray, medium to coarse sand, occasional gravel	30	50
Sand & gravel; medium to fine sand fine to coarse gravel	32	82

699-13-5 (1A-SP-11)

Location: N13250, W4500 12/28-31R1

Surface Elevation: 444.50

Air rotary, logged by Fugro for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand, brown	4	4
Sand & gravel, brown, fine to coarse sand, gravel	11	15
Sand, variegated brown & gray, fine to coarse sand, quartz & basalt grains	35	50
Sand & gravel, variegated gray & white, medium to coarse sand, gravel (Driller's comment: cemented gravel)	36	86

HANFORD WELLS
 PNL-8800 UC-903
 M.A. Chamness & J.K. Metz
 August 1993
 Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830
 Pacific NW Lab by Battelle Memorial Institute

699-13-E2C
A8274

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

WELL NAME

HOST WELL ID

A8274

699-13-E2C

CONST DATE

CONST DEPTH

LAST INSPECTION

NORTHING

EASTING

ELEVATION

1/1/1801

127346.682

590670.753

134.216

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED			PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

ND* - Not Documented

7/18/2005

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A8274
WELL NAME 699-13-E2C
HOST WELL ID

CONST DATE
CONST DEPTH

LAST INSPECTION 1/1/1801
NORTHING 127346.682
EASTING 590670.753
ELEVATION 134.216

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION			
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

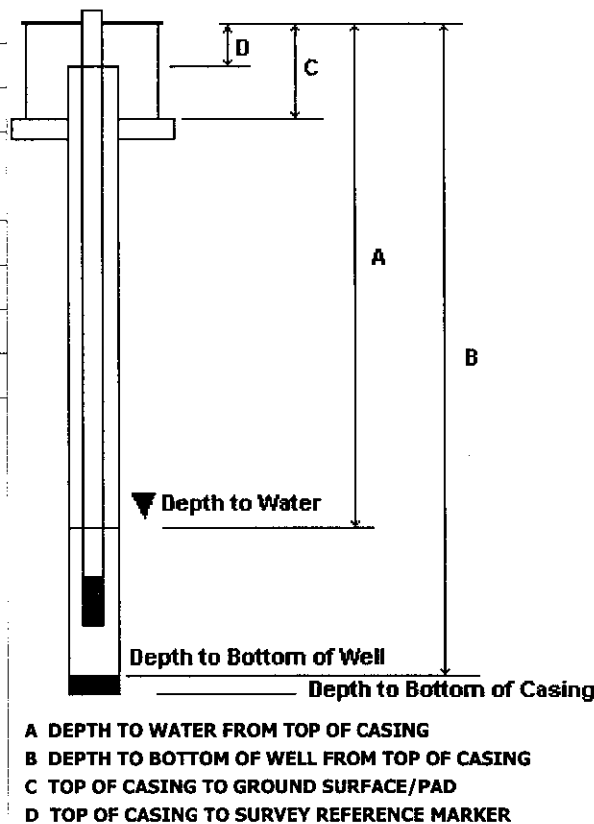
CHANGES

CASING INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION					
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES



NORTHWEST
ENERGY

SEE SURVEY REPORT & PHOTO; WELL DECOMMISSIONED

ECC
05/15/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID A8274
WELL NAME 699-13-E2C
HOST WELL ID _____CONST DATE _____
CONST DEPTH _____

LAST INSPECTION

1/1/1801
NORTHING 127346.682
EASTING 590670.753
ELEVATION 134.216

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO		
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		
LAST PUMP INFORMATION			CURRENT PUMP INFORMATION		
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO		
ACTIVITY PERFORMED BY	ND*	ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*	PUMP TYPE			
PUMP MAKE	ND*	PUMP MAKE			
PUMP MODEL	ND*	PUMP MODEL			
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)		TUBING SIZE (in)			
TUBING MATERIAL	ND*	TUBING MATERIAL			
TUBING LENGTH (ft)		TUBING LENGTH (ft)			
TUBING CONNECTION	ND*	TUBING CONNECTION			

ND* - Not Documented

7/28/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID A8274
 WELL NAME 699-13-E2C
 HOST WELL ID _____

CONST DATE _____
 CONST DEPTH _____

LAST INSPECTION 1/1/1801
 NORTHING 127346.682
 EASTING 590670.753
 ELEVATION 134.216

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

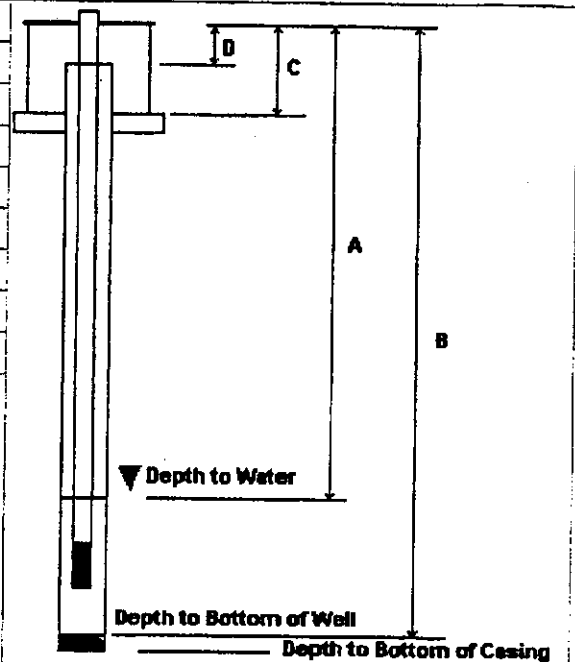
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
------	-----	--------	----------	------	------------	-----------

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
------	-----	--------	----------	------	-----------

CHANGES



A DEPTH TO WATER FROM TOP OF CASING
 B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
 C TOP OF CASING TO GROUND SURFACE/PAD
 D TOP OF CASING TO SURVEY REFERENCE MARKER

WELL NAME	COORDINATES	CASING ELEV	DRILL DEPTH	PERF/SCREEN	COMMENTS
WELL TYPE	L 83	WELL DIAM	COMPL DEPTH	TYPE DIAM	PREVIOUS WELL NAMES
PUMP TYPE	NS/EW	DATE COMPL	DEPTH WATER	TOP BOT	
699-13-E2C	12551.00	436.90	57.0		
VW	2475.00	12/74			CB-14
Hanford Wells			300.0		DESTROYED
PNL-8800 UC-903					
M. A. Chamness & J. K. Merz			65.0		
August 1993					
Prepared for U. S. Dept of Energy under					1D-SP-6
Contract DE-AC06-76RLO 1830					
Pacific NW Lab by Battelle Memorial Institute					B-SP-7
699-13-1A	12830.00	441.50	245.0		WATER SUPPLY WELL
GW	-1320.00				WPPSS2 #1
699-13-1B	12525.00	439.00	234.0		WATER SUPPLY WELL
GW	-1130.00				WPPSS2 #2
699-13-1C					
GW					
G					
699-13-2A	12700.00	439.50	70.0		
GW	-1800.00		63.0		
699-13-2B	12525.00	439.50	875.0		
GW	-1845.00	12/72	41.0		B-35
699-13-2C	12800.00	440.90	82.0		DESTROYED
SW	-1500.00	12/74			1D-SP-5
699-13-5	13250.00	444.50	86.0		
SW	-4500.00	6.0	38.0		1A-SP-11
		12/74			
699-13-13A	13257.00	539.00	140.0		SEISMIC SHOT HOLE FILLED
SW	-13105.00	5.0			SP. 8 GSI
		6/63			

DATE: 12/19/74
BY: [illegible]
PROJECT: [illegible]

Vadose
well

699-13-ECG
CT? 12/19/74

to
Vadose

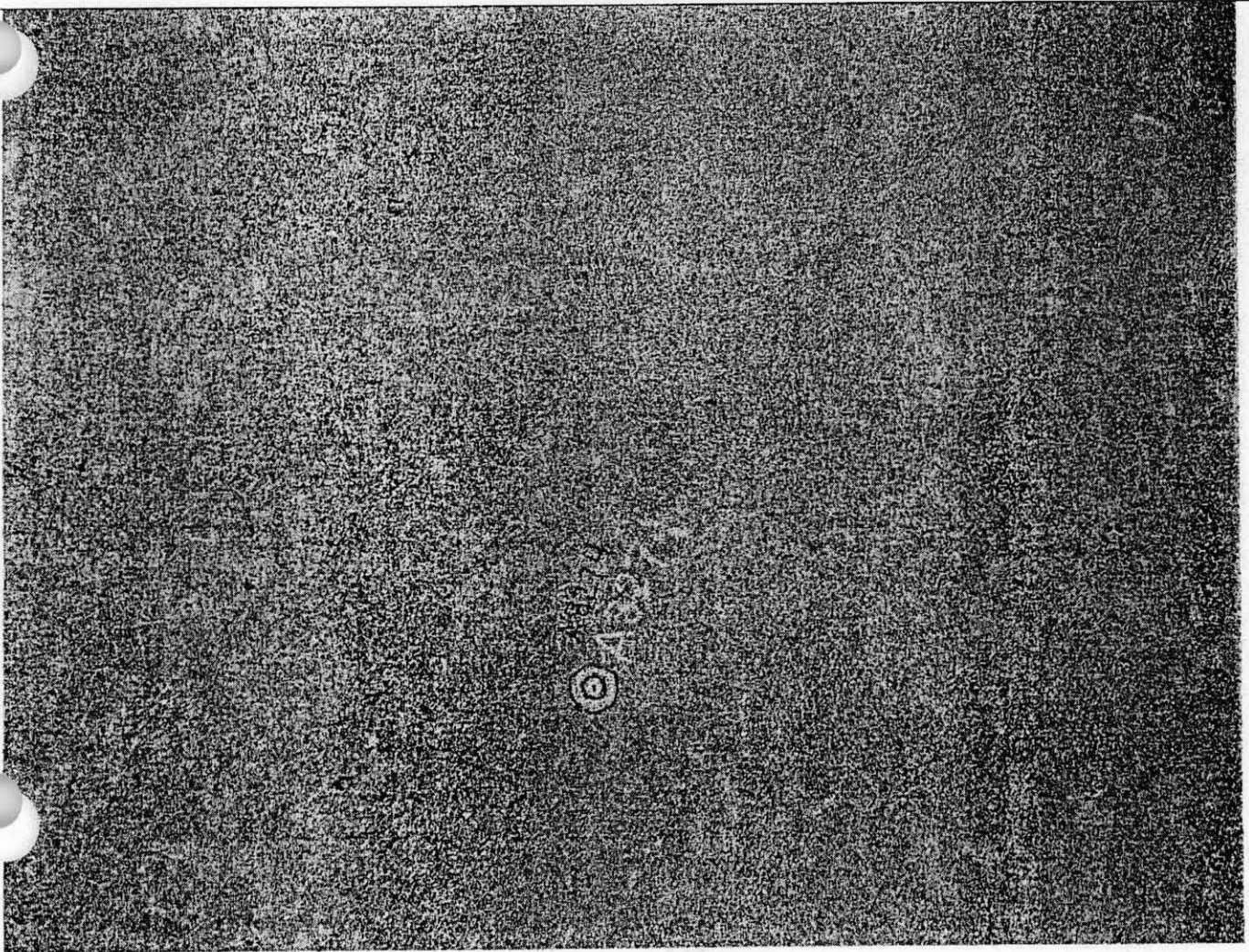


A 8224
RKB 3/2/05

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8274	699-13-E2C	UNKNOWN	NAD83	01/01/1801	CONVERTED	127346.682	590670.753	m	

SURVEY DATA REPORT				Request No. 073-268	
Project No. N/A		Title: Well Decommissioning A8274 / 699-13-E2C		File No. 6AT11R28	
Job No. 65400811.1225400		Prepared By Tim Johnson		Date 6/8/2007	
		Reviewer SAW		Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8274. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
Well ID# A8274 was not found at the listed coordinates: N127346.68 E590670.75					
The coordinates fell on concrete. Marked with keel and pen.					
See Photo					
Equipment Used: Trimble 5800 GPS Receiver, RTK					
NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.					



A8274 / 699-13-E2C

<input checked="" type="checkbox"/> Survey <input type="checkbox"/> Scan		SURVEY REQUEST		Request No.	
				0	7
				3	-
				0	2
				6	8
Project No. N/A		Title Well Decommissioning: Energy Northwest Plant #1 & #4 Areas		File No.	
				6	A
				T	1
				1	R
				2	8
Job No. 65400811.1225400 CA10		Requested By Bonnie Howard		Date Required ASAP	
Field Contact Ed Rafuse		Organization FH		Location MO413 / 107 / 200E	
REFERENCE DOCUMENTS		GRID SYSTEM		DISTRIBUTION	
QMAP Plot & HWIS Coordinate List		<input checked="" type="checkbox"/> Lambert <input type="checkbox"/> Plant <input type="checkbox"/> Area <input type="checkbox"/> Geographic		Survey File B.J. Howard 1 E.C. Rafuse 1 G.G. Kelty 1 W.D. WEBBER 1	
LOCATION OF WORK		WORK CONDITIONS			
ENW Plant #1 & #4/ 600A (See Sketch)		<input type="checkbox"/> SWP <input type="checkbox"/> Mask <input type="checkbox"/> Operator <input type="checkbox"/> Exclusion Entry			
SPECIAL INSTRUCTIONS					
ITEM	DESCRIPTION OF WORK				
1.	Stake or locate wells in support of Well Decommissioning. If found, obtain information for WAR report.				
	Wells: A8227, A8257, A8274, A8286, A8304, A8308, A8309, A8310, A8311, A8312, A8313, A8336, A8337 & A8347.				
Prepared By N.P. Fastabend		Date 4/24/07		Reviewed By	
NOTES/COMMENTS					
Lead Surveyor/Crew					
3223 #					
Date:		Signature:			

Query HWIS again

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8274	699-13-E2C	DECOMMISSIONED-V	06/18/2007	FY 2007 Admin Decomm WAR Survey Data Report - no well exists

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8274	699-13-E2C	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

Query HWIS again

HWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8274	699-13-E2C	-- No information available --		

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOURCE
A8274	699-13-E2C	12/31/1974		57	ft			

Message

Page 1 of 1

Kelly, George

From: Howard, Bernie J
Sent: Tuesday, January 18, 2006 10:45 AM
To: Kelly, George
Cc: Davis, Jerry D; Ruggenberg, Dick L; Howard, Bernie J
Subject: Please change status from VP-33 to EMT
Attachments: VP-33 should be EMT.wml; EMT.wml

Please change the wml carrier from VP-33 to EMT

UTAWONPRO

699-14-E2B
A8304

WELL ATTRIBUTES REPORT

WELL ID	A8304	NORTHING	127637.598	FIELD ORDER NO	
WELL NAME	699-14-E2B	EASTING	590653.096	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	

PROGRAMS _____
 WASTE SITES 50FT _____
 WM PLAN(S) _____
 WASTE STORAGE(S) _____

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8304	NORTHING	127637.598	FIELD ORDER NO	
WELL NAME	699-14-E2B	EASTING	590653.096	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION		CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

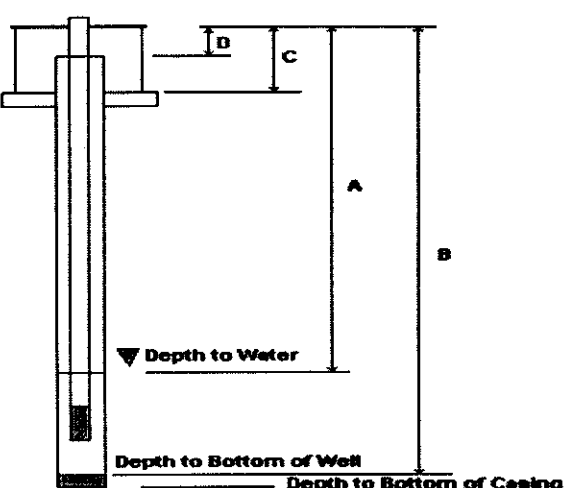
CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8304
 Well Name 699-14-E2B
 Inspection ID: 3386
 Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)			
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	ND* - Not Documented	

NORTHWEST
ENERGYSEE SURVEY REPORT & PHOTO; WELL DECOMMISSIONED
ELL 06/15/07

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

A5304

WELL NAME

699-14-E2B

HOST WELL ID

CONST DATE

CONST DEPTH

LAST INSPECTION

1/1/1801

NORTHING

127637.598

EASTING

590653.096

ELEVATION

LAST INSPECTION INFORMATION			CURRENT INSPECTION INFORMATION		
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO		
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO		
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO		
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO		
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO		
SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO		
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO		
ACTIVITY PERFORMED BY	ND*	ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*	PUMP TYPE			
PUMP MAKE	ND*	PUMP MAKE			
PUMP MODEL	ND*	PUMP MODEL			
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)		TUBING SIZE (in)			
TUBING MATERIAL	ND*	TUBING MATERIAL			
TUBING LENGTH (ft)		TUBING LENGTH (ft)			
TUBING CONNECTION	ND*	TUBING CONNECTION			

ND* - Not Documented

7/28/2006

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

A8304

WELL NAME

699-14-E2B

HOST WELL ID

CONST DATE

CONST DEPTH

LAST INSPECTION

1/1/1801

NORTHING

127637.598

EASTING

590653.096

ELEVATION

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

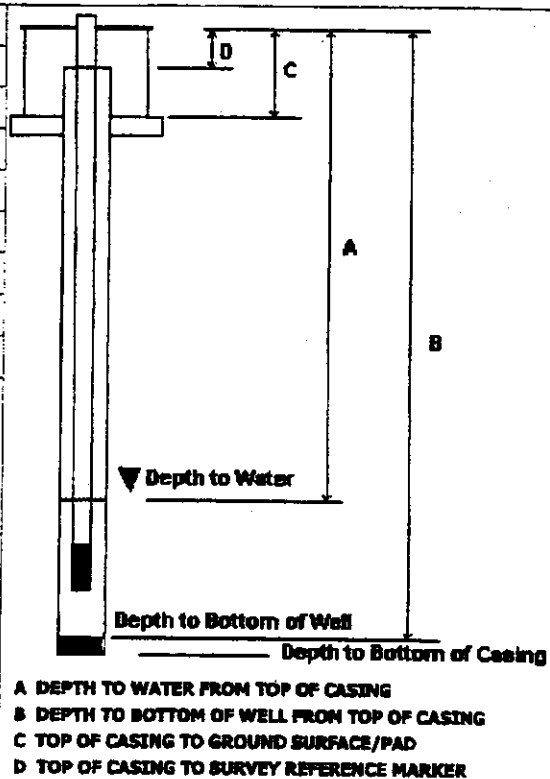
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
------	-----	--------	----------	------	------------	-----------

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
------	-----	--------	----------	------	-----------

CHANGES

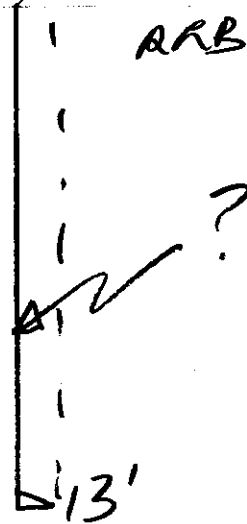


WELL NAME	WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
		L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP BOT	
699-14-E3B	AB		13631.00 2612.00	449.50	303.0				DESTROYED
				12/74	78.0				CB-9
699-14-E3C	AB		13643.00 2790.00	451.40	76.0				DESTROYED
				12/74					CB-10
699-14-E3D			13571.00	456.00	84.0				
Hanford Wells									
PNL-8800 UC-903									
M. A. Chamness & J. K. Merz									
August 1993									
Prepared for U. S. Dept of Energy under									
Contract DE-AC06-76RLO 1830									
Pacific NW Lab by Battelle Memorial Institute									
699-14-E2B	VW		13505.00 2420.00		13.0				
				12/74					CB-6
699-14-E1A	SW		14000.00 600.00	409.40	60.0				
				12/74					1D-SP-7
699-14-E1B	SW		14200.00 1000.00	417.60	70.0				
				12/74					1D-SP-8
699-14-E1C	SW		14350.00 900.00	421.00	96.0				
				12/74					1D-SP-8A
699-14-1A	VW		14000.00 -900.00						
699-14-1B	SW		14100.00 -900.00						
									B-SP-8
699-14-3	GW		13600.00 -2700.00	6.0	63.0				
					61.0				R2-SP-5

699-14-E2B
CT? 12/1974

A8304

ARB 3/2/05



not to scale

Vadose
Zone

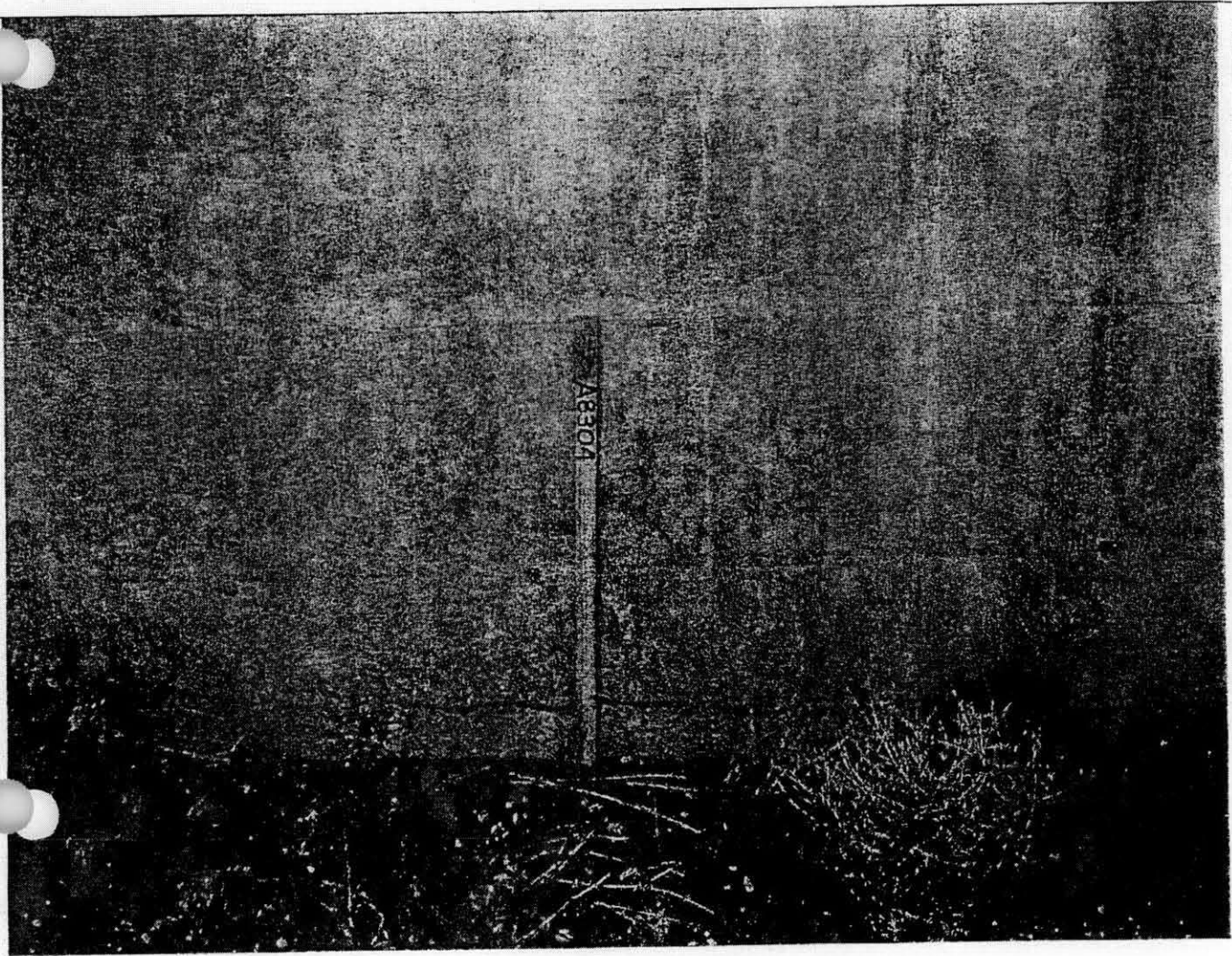
Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8304	699-14-E2B	UNKNOWN	NAD83	01/01/1801	CONVERTED	127637.598	590653.096	m

SURVEY DATA REPORT				Request No. 073-268	
Project No. N/A		Title: Well Decommissioning A8304 / 699-14-F2B		File No. 6AT11R28	
Job No. 65400811.1225400		Prepared By Tim Johnson		Date 6/8/2007	Reviewer SAW
				Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8304. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
Well ID# A8304 was not found at the listed coordinates: N127637.60 E590653.10 Set hub and lath. See Photo Equipment Used: Trimble 5800 GPS Receiver, RTK					
NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.					

E-NW-246 (09/04)



A8304 / 699-14-E2B

<input checked="" type="checkbox"/> Survey <input type="checkbox"/> Scan	SURVEY REQUEST	Request No. 073-0268
Project No. N/A	Title Well Decommissioning: Energy Northwest Plant #1 & #4 Areas	File No. 6AT1IR28
Job No. 65400811.1225400 CA10	Requested By Bonnie Howard	Date Required ASAP
Field Contact Ed Rafuse	Organization FH	Location MO413 / 107 / 200E
REFERENCE DOCUMENTS	GRID SYSTEM	DISTRIBUTION
QMAP Plot & HWIS Coordinate List	<input checked="" type="checkbox"/> Lambert <input type="checkbox"/> Plant <input type="checkbox"/> Area <input type="checkbox"/> Geographic	Survey File B.J. Howard E.C. Rafuse G.G. Kelly
LOCATION OF WORK	WORK CONDITIONS	W.D. WEBBER
ENW Plant #1 & #4/ 600A (See Sketch)	<input type="checkbox"/> SWP <input type="checkbox"/> Mask <input type="checkbox"/> Operator <input type="checkbox"/> Exclusion Entry	
SPECIAL INSTRUCTIONS		
ITEM	DESCRIPTION OF WORK	
1.	Stake or locate wells in support of Well Decommissioning. If found, obtain information for WAR report.	
	Wells: A8227, A8257, A8274, A8286, A8304, A8308, A8309, A8310, A8311, A8312, A8313, A8336, A8337 & A8347.	
Prepared By N.P. Fastabend	Date 4/24/07	Reviewed By
NOTES/COMMENTS		
Lead Surveyor/Crew		
3223 #		
ate:	Signature:	



Message

Page 1 of 1

Kelly, George

From: Howard, Bennis J
Sent: Tuesday, January 14, 2008 10:45 AM
To: Kelly, George
Cc: Davis, Jerry D; Biggerstaff, Dick L; Howard, Bennis J
Subject: Please change status WPPSS should be ENW Well owner.xls
Attachments: WPPSS should be ENW Well owner.xls

Please change the well owner from WPPSS to ENW



VIEWONPRO

Query HWIS again

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8304, Well Name: 699-14-E2B					
A8304	- No information available -				

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8304, Well Name: 699-14-E2B					
A8304		WMR	2005-01-18 00:00:00	CHANGE STATUS WPPSS SHOULD BE ENW WELL OWNER	

Query HWIS again

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8304, Well Name: 699-14-E2B					
A8304	- No information available -				

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	
A8304	699-14-E2B	12/31/1974		13	ft		

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8304	699-14-E2B	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

Query HWIS again

HWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8304	699-14-E2B	-- No information available --		

699-14-E2A (CB-7)

Location: N13527, E2473

12/28-33N10

Surface Elevation: 451.3

Hollow stem auger (to 74 ft.) & air rotary,
logged by Shannon & Wilson for WPPSS, 1974,
ANP-4 foundation test boring

Material (8)	Thickness	Depth
Silty sand, loose, light brown, fine to coarse	5	5
Sand, loose, gray fine to coarse, clean	11	16
Sand, dense to very dense, gray fine to coarse, clean	38	54
Sandy gravel, dense, gray, fine to coarse, clean	6	60
Sandy gravel, very dense, light gray-brown, fine to coarse, clean to slightly silty, scattered to numerous cobbles .	174	246
Clayey silt, hard, light, brown, trace fine sand, trace fine gravel	29	275
Sand silt, very dense, light- brown, fine sand	10	285
Sandy gravel, very dense, light gray, silty fine to medium sand, fine to coarse	10	295
Sand, very dense, light brown, trace of silt, fine to medium .	6	301

A8304 699-14-E2B

699-14-E2B (CB-6)

Location: N13505, E2420

12/28-33N11

Surface Elevation:

Rotary, logged by Shannon & Wilson for WPPSS,
1974, shothole boring

Material (8)	Thickness	Depth
Sand; variegated gray & brown, fine to coarse sand, basalt grains	60	60
Sand & gravel; brown, medium sand, gravel	74	134

HANFORD WELLS

PNL-8800 UC-903

M.A. Charness & J.K. Metz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

699-14-E3D
A8308

WELL ATTRIBUTES REPORT

WELL ID	A8308	NORTHING	127658.624	FIELD ORDER NO	
WELL NAME	699-14-E3D	EASTING	590948.577	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.037	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	__/__/__
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	__/__/__
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	__/__/__
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8308	NORTHING	127658.624	FIELD ORDER NO	
WELL NAME	699-14-E3D	EASTING	590948.577	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.037	CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8308
Well Name 699-14-E3D
Inspection ID: 3390
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)			
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	ND* - Not Documented	

SEE SURVEY REPORT & PHOTO; WELL DECOM. 5/15/07

WELL ATTRIBUTES REPORT

ELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A8308	NORTHING	127658.624
WELL NAME	699-14-E3D	EASTING	590948.577
HOST WELL ID		ELEVATION	140.037
CONST DATE			
CONST DEPTH			

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	
	<input type="checkbox"/> MINOR	<input checked="" type="checkbox"/> ND*			<input type="checkbox"/> MINOR		
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	
	<input type="checkbox"/> REMOVED				<input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

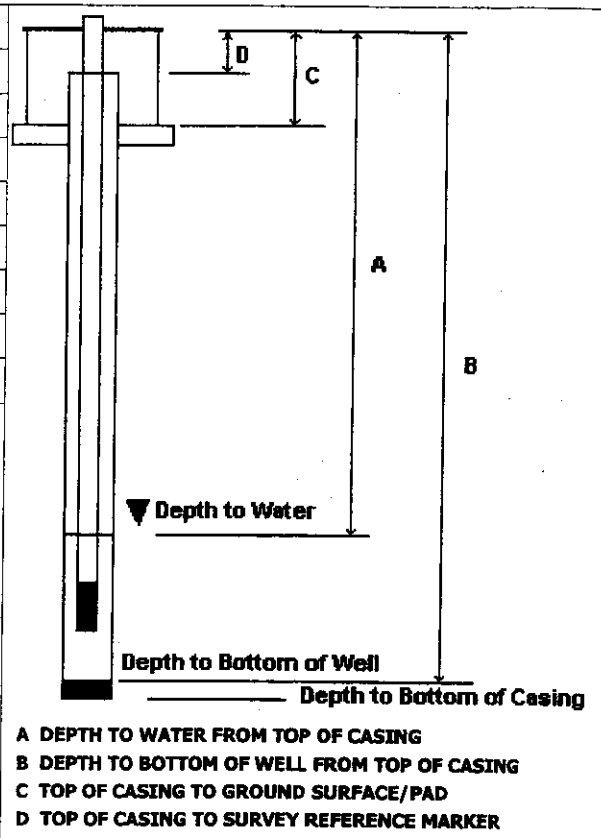
WELL ATTRIBUTES REPORT

FIELD ORDER NO
 WELL ID **A8308**
 WELL NAME **699-14-E3D**
 HOST WELL ID

CONST DATE
 CONST DEPTH

LAST INSPECTION 1/1/1801
 NORTHING 127658.624
 EASTING 590948.577
 ELEVATION 140.037

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)		
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO



PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES

CASING INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS

CHANGES

SCREEN INFORMATION

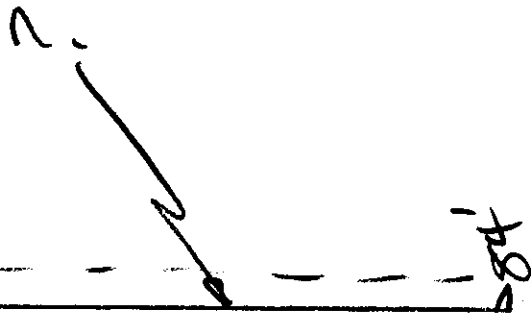
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE

CHANGES

WELL NAME	COORDINATES	CASING ELEV	DRILL DEPTH	PERF/SCREEN	COMMENTS
WELL TYPE	L 83 PLANT	WELL DIAM	COMPL DEPTH	-----	
	Hanford Wells		DEPTH WATER	TYPE DIAM TOP BOT	PREVIOUS WELL NAMES
	PNL-8800 UC-903				
	M. A. Chamness & J. K. Merz		303.0		DESTROYED
	August 1993		78.0		CB-9
	Prepared for U. S. Dept of Energy under		76.0		DESTROYED
	Contract DE-AC06-76RLO 1830				
	Pacific NW Lab by Battelle Memorial Institute				CB-10
699-14-E3D	13571.00	456.00	84.0		
VW	3389.00				
		12/74			CB-19
699-14-E3E	13504.00	450.10	629.0		
GW	2502.00				
		12/74			BH-142, CB-1
699-14-E2A	13527.00	451.30	301.0		
GW	2473.00				
		12/74	81.0		CB-7
699-14-E2B	13505.00		13.0		
VW	2420.00				
		12/74			CB-6
699-14-E1A	14000.00	409.40	60.0		
SW	600.00				
		12/74			1D-SP-7
699-14-E1B	14200.00	417.60	70.0		
SW	1000.00				
		12/74			1D-SP-8
699-14-E1C	14350.00	421.00	96.0		
SW	900.00				
		12/74			1D-SP-8A
699-14-1A	14000.00				
VW	-900.00				
699-14-1B	14100.00				
SW	-900.00				
					B-SP-8
699-14-3	13600.00		63.0		
GW	-2700.00	6.0			
			61.0		R2-SP-5

A 8308

RRB 3/2/05



609-14-F3D
CT 12 12/10/05

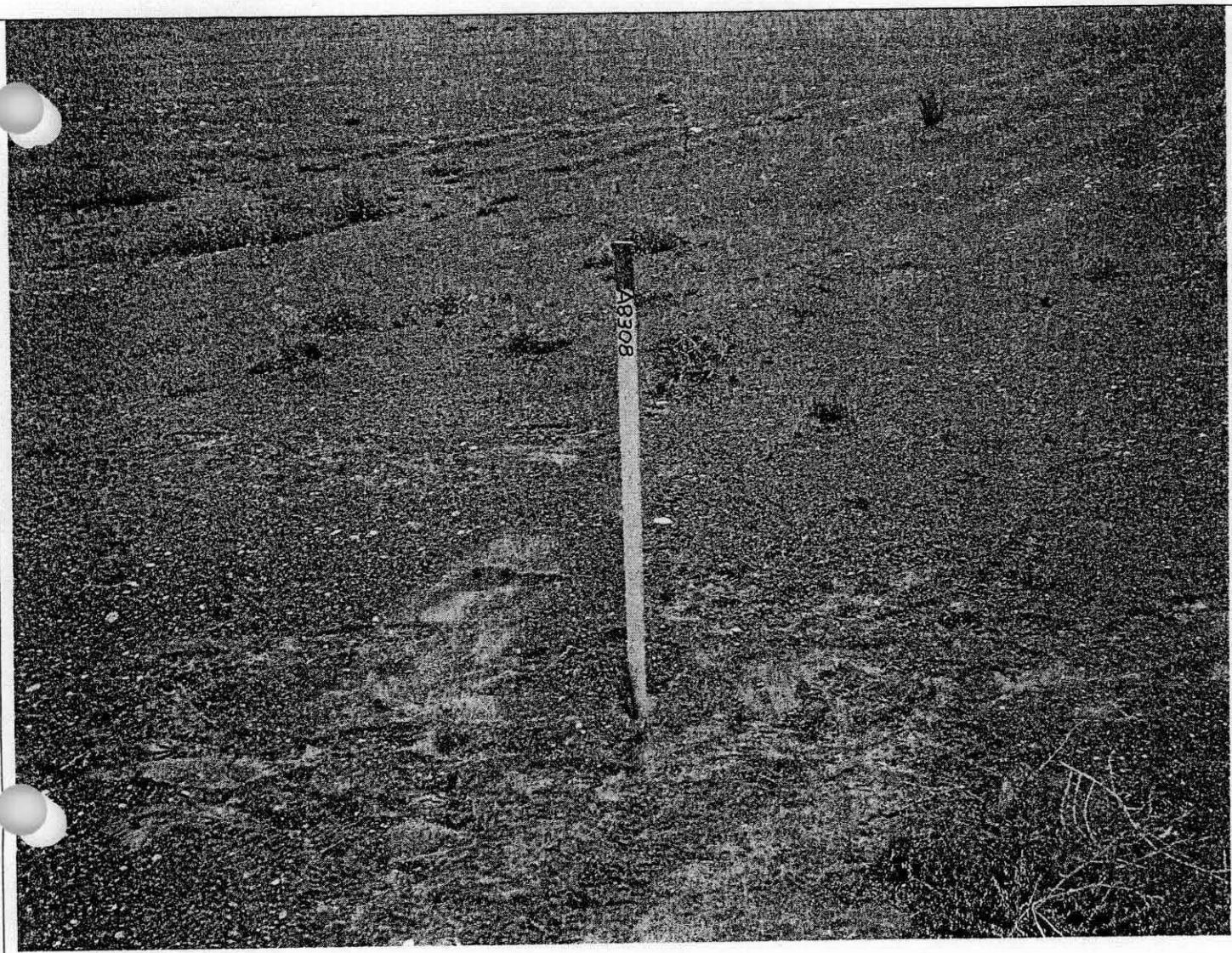
White
Stone

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8308	699-14-E3D	UNKNOWN	NAD83	01/01/1801	CONVERTED	127658.624	590948.577	m

SURVEY DATA REPORT				Request No. 073-268	
Project No.		Title: Well Decommissioning A8308 <i>/699-14-E3D</i>		File No. 6AT11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 5/30/2007	Reviewer <i>SAW</i>		Page 1 of 2
DESCRIPTION OF WORK			DISTRIBUTION	SDR	DWG
Survey well location for A8308. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8308 was not found at the listed coordinates: N127658.62 E590948.58</p> <p>Set hub and lath..</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p> <p>- Photo</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



A8308 / 699 14 - E3D

SURVEY REQUEST				Request No.			
<input checked="" type="checkbox"/> Survey <input type="checkbox"/> Scan				0 7 3 - 0 2 6 8			
Project No.		Title		File No.			
		Well Decommissioning: Energy Northwest Plant #1 & #4 Areas		6 A T 1 1 R 2 8			
Job No.		Requested By		Phone		Date Required	
65400811.1225400 CA10		Bonnie Howard		373-3935 / 366-6173		ASAP	
Field Contact		Organization		Phone		Location	
Ed Rafuse		FH		373-5941 / 539-3859		MO413 / 107 / 200E	
REFERENCE DOCUMENTS				GRID SYSTEM		DISTRIBUTION	
QMAP Plot & HWIS Coordinate List				<input checked="" type="checkbox"/> Lambert		Survey File	
				<input type="checkbox"/> Plant		B.J. Howard	
				<input type="checkbox"/> Area		E.C. Rafuse	
				<input type="checkbox"/> Geographic		G.G. Kelty	
LOCATION OF WORK				WORK CONDITIONS		W.D. WEBBER	
ENW Plant #1 & #4/ 600A (See Sketch)				<input type="checkbox"/> SWP			
				<input type="checkbox"/> Mask			
				<input type="checkbox"/> Operator			
				<input type="checkbox"/> Exclusion Entry			
SPECIAL INSTRUCTIONS							
DESCRIPTION OF WORK							
1. Stake or locate wells in support of Well Decommissioning. If found, obtain information for WAR report.							
Wells: A8227, A8257, A8274, A8286, A8304, A8308, A8309, A8310, A8311, A8312, A8313, A8336, A8337 & A8347.							
Prepared By				Date		Reviewed By	
N.P. Fastabend				4/24/07			
NOTES/COMMENTS							
Lead Surveyor/Crew							
3223#							
Date:				Signature:			

Query HWIS again

HWIS Interface - Well History Information - Current Status

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8308	699-14-E3D	DECOMMISSIONED-V	06/18/2007	FY 2007 Admin Decomm WAR Survey Data Report - no well exists

Query HWIS again

HWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8308	699-14-E3D	-- No information available --		

Query HWIS again

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8308, Well Name: 699-14-E3D					
A8308	– No information available –				

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS
A8308	699-14-E3D	12/31/1974		84	ft	

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8308	699-14-E3D	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

699-14-E3C (CB-10)
 Location: N13643, E2790 12/28-33N7
 Surface Elevation: 451.4
 Hollow stem auger, logged by Shannon & Wilson
 for WPPSS, 1974, WNP-4 foundation test
 boring

Material (8)	Thickness	Depth
Silty sand, loose, light brown fine to medium	5	5
Sand, loose, gray, fine to coarse clean scattered fine to coarse gravel	3	8
Sand, medium to very dense, gray, fine to coarse, clean, scattered fine to coarse gravel	49	57
Sandy gravel, medium to very dense gray fine to coarse, clean.	10	67
Gravelly sand grading to sandy gravel below 69 ft., very dense. light gray-brown, fine to coarse, clean	9	76

A8308 699-14-E3D

699-14-E3D (CB-19)
 Location: N13571, E3389 12/28-33N8
 Surface Elevation: 456.0
 Hollow stem auger, logged by Shannon & Wilson
 for WPPSS, 1974, WNP-4 foundation test
 boring

Material (8)	Thickness	Depth
Silty sand, light brown, fine	2	2
Sand, medium to very dense, gray to gray brown, fine to medium, clean to slightly silty, scattered fine to coarse gravel	68	70
Gravelly sand, very dense, gray-brown, fine to coarse gravel, fine to medium sand, clean	4	74
Sandy gravel, very dense, light brown, fine to coarse, slightly silty	10	84

LANFORD WELLS
 PNL-8800 UC-903
 M.A. Channess & J.K. Merz
 August 1993
 Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830
 Pacific NW Lab by Battelle Memorial Institute

699-14-E3E
A8309

WELL ATTRIBUTES REPORT

WELL ID	A8309	NORTHING	127637.368	FIELD ORDER NO	
WELL NAME	699-14-E3E	EASTING	590678.107	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	138.239	CONST DATE	5/21/1972
GW OPERABLE UNIT	300-FF-5	DRILL DATE	5/21/1972	CONST DEPTH	629

PROGRAMS

WASTE SITES 50FT

WM PLAN(S)

WASTE STORAGE(S)

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)		DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8309	NORTHING	127637.368	FIELD ORDER NO	
WELL NAME	699-14-E3E	EASTING	590678.107	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	138.239	CONST DATE	5/21/1972
GW OPERABLE UNIT	300-FF-5	DRILL DATE	5/21/1972	CONST DEPTH	629
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED
3/in	0/409/ft	CARBON STEEL	INNER			N

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8309
Well Name 699-14-E3E
Inspection ID: 3391
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)		ND* - Not Documented	
Depth To Water Date			
B Depth to Bottom (ft)			
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		

WELL NAME	WELL TYPE	COORDINATES		CASING ELEV WELL DIAM	DRILL DEPTH COMPL DEPTH	PERF/SCREEN			COMMENTS
		L 83 NS/EW	PLANT NS/EW			DATE COMPL	DEPTH WATER	TYPE DIAM TOP BOT	
699-14-E3B	AB		13631.00 2612.00	449.50	303.0				DESTROYED
				12/74	78.0				CB-9
699-14-E3C	AB		13643.00 2790.00	451.40	76.0				DESTROYED
				12/74					CB-10
699-14-E3D	VW		13571.00 3389.00	456.00	84.0				
				12/74					CB-19
699-14-E3E	GW		13504.00 2502.00	450.10	629.0				
				12/74					BH-142, CB-1
699-14-E2A	GW								
699-14-E2B	VW								
699-14-E1A	SW								
699-14-E1B	SW		14200.00 1000.00	417.60	70.0				
				12/74					1D-SP-8
699-14-E1C	SW		14350.00 900.00	421.00	96.0				
				12/74					1D-SP-8A
699-14-1A	VW		14000.00 -900.00						
699-14-1B	SW		14100.00 -900.00						
									B-SP-8
699-14-3	GW		13600.00 -2700.00	6.0	63.0				
					61.0				R2-SP-5

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

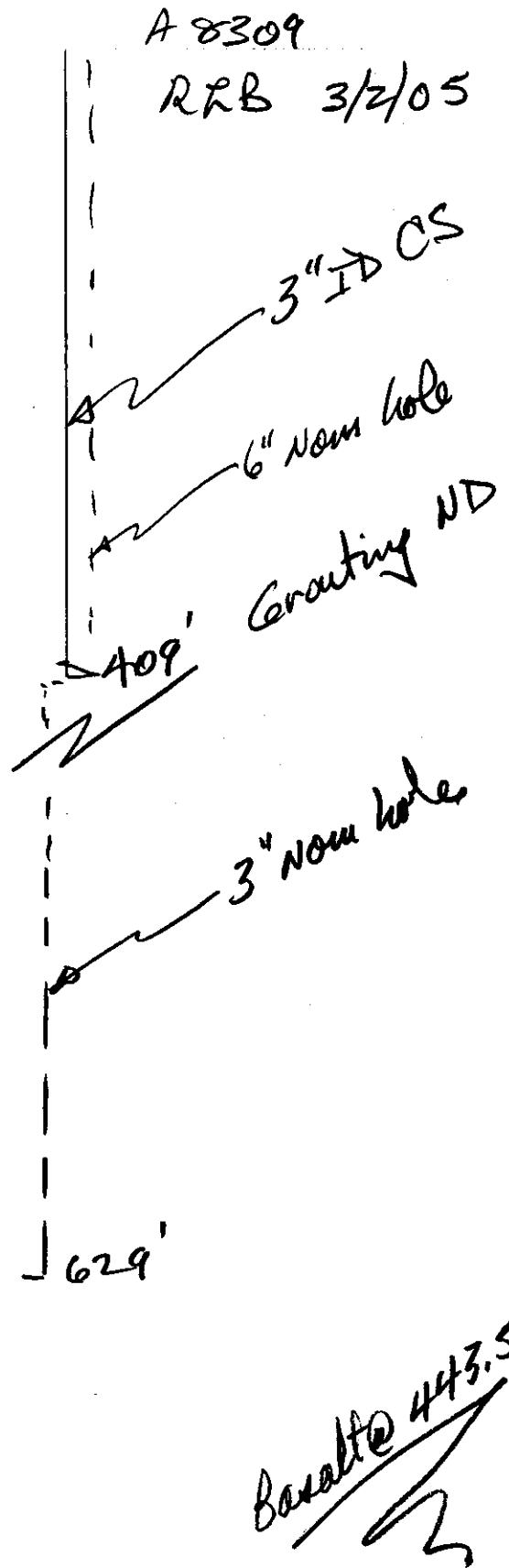
Prepared for U. S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

699-14-E3E
multirotary core 5/1972

Groundwater &
stratigraphy



not to
scale

WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Rotary
Method: Core
Drilling Coring
Fluid Used: Bentonite mud
Driller's
Name: Not documented
Drilling Rotary=Aqua Drilling
Company: Core=Longyear DC
Date
Started: 22Apr74

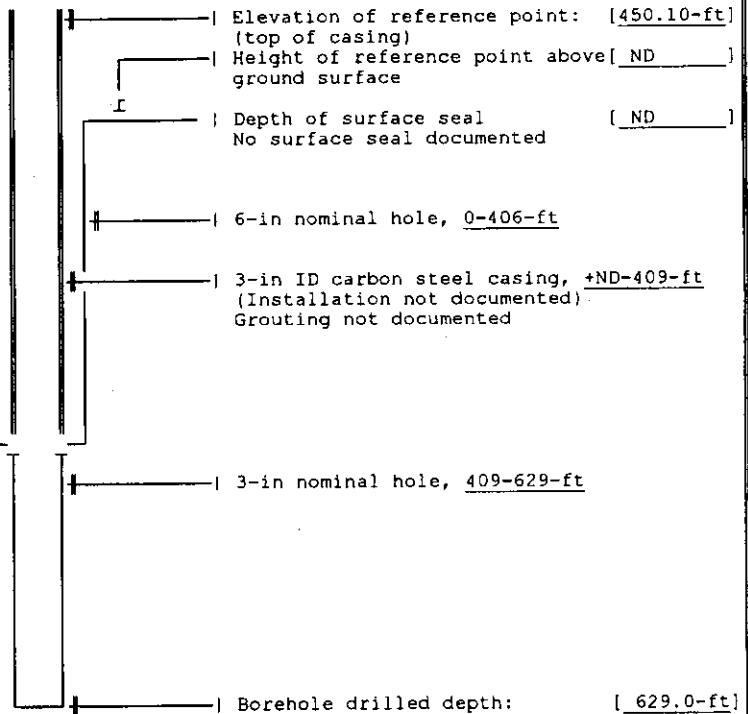
Sample Rotary returns
Method: Wireline core
Additives
Used: Not documented
WA State
Lic Nr: Not documented
Company: CourD'Alene ID
Location: Spokane, WA
Date
Complete: 21May72

WELL TEMPORARY WPPSS
NUMBER: 699-14-E3E A8309 WELL NO: B-35 & CB-1
Hanford
Coordinates: N/S N 13,504 E/W E 2,502
State
Coordinates: N 418,812 E 2,297,792
Start
Card #: Not documented T11N R28E S 4D
Elevation
Ground surface: Not documented

Depth to water: Not recorded
(Ground surface)

GENERALIZED Geologist's
STRATIGRAPHY Log

0-49: Cse SAND
49-70: GRAVEL-COBBLER
70-105: Sandy GRAVEL w/some SILT & CLAY
105-125: Silty SAND w/some
SILT, CLAY, GRAVEL
125-207: Clean-clayey and sandy GRAVEL
207-225: Gravelly cse SAND
225-235: Sandy GRAVEL w/some SILT & CLAY
235-285: Clayey SAND w/some SILT & GRAVEL
285-335: Slightly sandy-sandy GRAVEL
335-355: Gravelly CLAY
355-395: Clayey SILT w/some SAND & GRAVEL
395-406: Clean GRAVEL
406-443.5: Basalt gravel CONGLOMERATE
443.5-511: Vesicular-highly vesicular
BASALT
511-574: Fine grained BASALT
574-574.5: Vesicular BASALT
574.5-601: Clayey-sandy TUFF, some BRECCIA
601-629: Vesicular-non vesicular,
fine grained BASALT



Drawing By: RKL/6N14E03E.ASB
Date: 13Sep94
Reference: HANFORD WELLS

SMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-14-E3E

WELL DESIGNATION : 699-14-E3E
CERCLA UNIT : Not applicable
RCRA FACILITY : Not applicable
HANFORD COORDINATES : N 13,504 W 2,502 [HANFORD WELLS]
LAMBERT COORDINATES : N 418,812 E 2,297,792 [HANCONV]
DATE DRILLED : Core-May74
DEPTH DRILLED (GS) : 629.0-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : Not documented
CASING DIAMETER : 3-in ID carbon steel, +ND-409-ft? (Not documented)
ELEV TOP CASING : 450.10-ft [HANFORD WELLS]
ELEV GROUND SURFACE : Not documented
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : Not applicable
COMMENTS : FIELD INSPECTION,
OTHER:
AVAILABLE LOGS : Geologist
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : Nuclear power plant siting
CURRENT USER : Assigned WPPSS
PUMP TYPE : None
MAINTENANCE :

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8309	699-14-E3E	UNKNOWN	NAD83	01/01/1801	CONVERTED	127637.368	590678.107	m

A 8309

SURVEY DATA REPORT				Request No. 073-268	
Project No. N/A		Title: Well Decommissioning A8309		File No. 6AT11R28	
Job No. 65400811.1225400		Prepared By Tim Johnson		Date 5/30/2007	
		Reviewer SAW		Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8309. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8309 falls inside reactor building #4 and is not accessible at this time.</p> <p>Listed coordinates are: N127637.37 E590678.11</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					

E-NW-246 (09/04)

[illegible]

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8309	699-14-E3E	05/21/1972		629	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	STATUS	STATUS_CHANGE_DATE	STATUS_CHANGE_COMMENT
A8309	699-14-E3E	CANDIDATE FOR DECOMMISSIONING	05/09/2002	

Query HWIS again

HWIS Interface - Well Construction Information - Construction Dates

WELL_ID	WELL_NAME	CONST_DATE	CONST_DEPTH	CONST_DEPTH_UNITS
A8309	699-14-E3E	05/21/1972	629	ft

Query HWIS again

HWIS Interface - Survey Information - Vertical

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS	QUALIFI
A8309	699-14-E3E	HEIS	12/31/1974	CONVERTED	138.239	m	

Query HWIS again

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8309, Well Name: 699-14-E3E					
A8309	– No information available –				

A8309 699-14-E3E .

699-14-E3E (BH-142)

Location: N13.500, E2.500

11/28-33N9

Surface Elevation: 450.1

Mud rotary (to 406 ft.) & diamond coring,
drilled by Longyear Drilling Company & logged
by Fugro for WPPSS, 1974, bedrock geologic
investigation borehole

Material (8)	Thickness	Depth
Sand, dark gray, coarse, poorly graded, predominantly basaltic	49	49
Gravel; light brown & dark gray, gravel to cobbles, basaltic & acid igneous		
Sandy gravel; light brown & dark gray, gravel to cobbles, basaltic & acid igneous, some sand		
Sandy gravel; brown, gravel to cobbles, sand w/some silt & clay	56	105
Silty sand; brown, coarse sand, silt w/some clay, some gravels .	20	125
Gravel; clean		
Clayey gravel; brown, gravel to cobbles, clay w/some silt & coarse sand	81	206
Gravel; clean		
Sandy gravel; dark gray-brown gravel to cobbles; basaltic & acid igneous, coarse sand, some silt & clay		
Gravelly sand; dark gray & light brown, coarse sand, some gravels	18	224
Sandy gravel, dark brown, gravel & cobbles, medium to coarse sand some silt & clay		
Clayey sand; dark gray, coarse sand silty some gravels	61	285
Gravel, dark gray-brown, slightly sandy		
Sandy gravel; gravel to cobbles, medium to coarse sand, some clay	50	335
Gravelly clay, green gray	20	355
Clayey silt green gray, clay w/ some fine sand & gravel		
Sandy silt; green to gray, fine to coarse sand, some clay & gravel	40	395
Gravel; clean, basaltic	11	406

HANFORD WELLS

PNL-8800 UC-903

M.A. Charness & J.K. Merz

August 1993

Prepared for U.S. Dept of Energy under

Contract DE-AC06-76RLO 1830

Pacific NW Lab by Battelle Memorial Institute

699-14-E3E (cont'd)

Material	Thickness	Depth
Conglomerate; basaltic, acid igneous, quartzite grading to predominantly basaltic gravel to cobbles	18	444
Basalt; dark gray, fine grained, slightly vesicular	11	455
Basalt, light gray, fine grained vesicular	8	463
Basalt; gray, fine grained, highly vesicular, vesicles to 1 cm. elongated, highly fractured, light green silty clay fills fractures & joints	48	511
Basalt; dark gray to black, fine grained, non-vesicular, moderately fractured, dense . .	63	574
Basalt; vesicular	1	575
Tuff; light green gray to gray, clay to fine sand .		
Tuff; breccia; light green gray in dark gray matrix		
Tuff; dark green-gray, clay to fine sand, less indurated than above		
Tuff; light green		
Breccia tuff; basalt fragments in tuff matrix	26	601
Basalt; light to dark gray, fine grained, scoriaceous & highly vesicular to vesicular, green silty clay fills fractures & joints, highly weathered to unweathered	23	624
No record	4	628
Basalt; highly vesicular	1	629

HANFORD WELLS
 PNL-8800 UC-903
 M.A. Charness & J.K. Meiz
 August 1993
 Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830
 Pacific NW Lab by Battelle Memorial Institute

699-14-E6P
A8311

WELL ATTRIBUTES REPORT

WELL ID	A8311	NORTHING	127703.282	FIELD ORDER NO	
WELL NAME	699-14-E6P	EASTING	591594.43	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.78	CONST DATE	1/8/1966
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/8/1966	CONST DEPTH	507
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE

LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	

LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	

LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)	489	DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8311	NORTHING	127703.282	FIELD ORDER NO	
WELL NAME	699-14-E6P	EASTING	591594.43	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.78	CONST DATE	1/8/1966
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/8/1966	CONST DEPTH	507
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED
1.5/in	0/490/ft	CARBON STEEL	INNER			N

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED
3/in	490/500/ft		PIPE SIZE		N

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8311
Well Name 699-14-E6P
Inspection ID: 3393
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)			
Depth To Water Date			
B Depth to Bottom (ft)	489		
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	ND* - Not Documented	

*NORTHWEST
ENERGY*

*SEE WELL SURVEY REPORT & PHOTO, WELL DECOMM.
ECC/06/15/07*

WELL ATTRIBUTES REPORT

FIELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A8311	NORTHING	127703.282
WELL NAME	699-14-E6P	EASTING	591594.43
HOST WELL ID		ELEVATION	140.78
	CONST DATE	1/8/1966	
	CONST DEPTH	507	

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

SEE WELL SURVEY REPORT & PHOTO; WELL DECOM.
 ECU 06/15/07

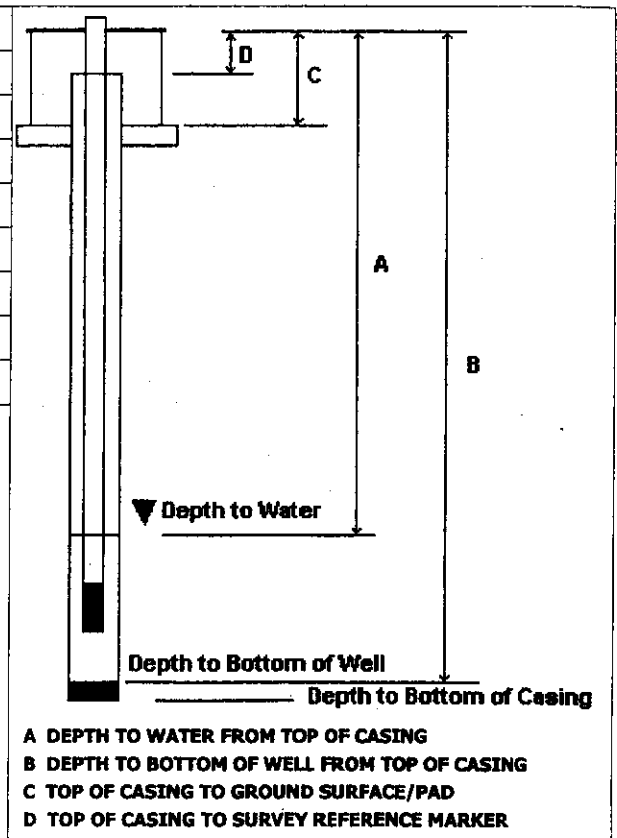
WELL ATTRIBUTES REPORT

FIELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A8311	NORTHING	127703.282
WELL NAME	699-14-E6P	EASTING	591594.43
HOST WELL ID		ELEVATION	140.78
CONST DATE	1/8/1966		
CONST DEPTH	507		

MEASUREMENT INFORMATION		
	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)	489	
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND* <input type="checkbox"/> YES <input type="checkbox"/> NO	

PERFORATION INFORMATION			
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

CHANGES



CASING INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
1.5	0	490	CARBON STEEL	INNER		

CHANGES

SCREEN INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE	
3	490	500		PIPE SIZE		

CHANGES

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV	DRILL DEPTH	PERF/SCREEN			COMMENTS
	L 83 NS/EW	PLANT NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP BOT	
699-13-13B SW		13257.00 -13105.00	539.00 5.0 6/63	140.0				SEISMIC SHOT HOLE FILLED SP. 1-2 GSI
699-13-26 GW		13092.00 -26479.00	512.78 6.0 2/81	820.0 214.0 115.0				4" PLASTIC LINER GOLDER S-14
699-13-28A								
Hanford Wells				135.0				
PNL-8800 UC-903								
M. A. Chamness & J. K. Merz								
August 1993								
Prepared for U. S. Dept of Energy under				167.5	P	8.0	120.0 147.0	PLUG AT 156
Contract DE-AC06-76RLO 1830				156.0				
Pacific NW Lab by Battelle Memorial Institute				120.0				12.5-64.0, USGS
699-14-E6P GW		13711.00 5507.00	458.44 1.5 1/66	507.0 500.0	P	1.5	490.0 500.0	
699-14-E6Q GW		13749.00 5507.00	457.91 1.5 1/66	452.0 450.0 71.0	S	1.5	440.0 450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
699-14-E6R GW		13787.00 5508.00	458.14 1.5 2/66	390.0 390.0 71.0	P	1.5	377.0 387.0	
699-14-E6S GW		13830.00 5506.00	457.77 1.5 2/66	302.0 294.0	P	1.5	284.0 294.0	
699-14-E6T GW B		13869.00 5500.00	458.38 1.5 2/66	122.0 120.0 94.0	S	1.5	110.0 120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
699-14-E4 SW		13800.00 4000.00	461.22 12/74	114.0				1C-SP-11
699-14-E3A AB		13900.00 2860.00	451.60 12/74	88.0 82.0				DESTROYED CB-2

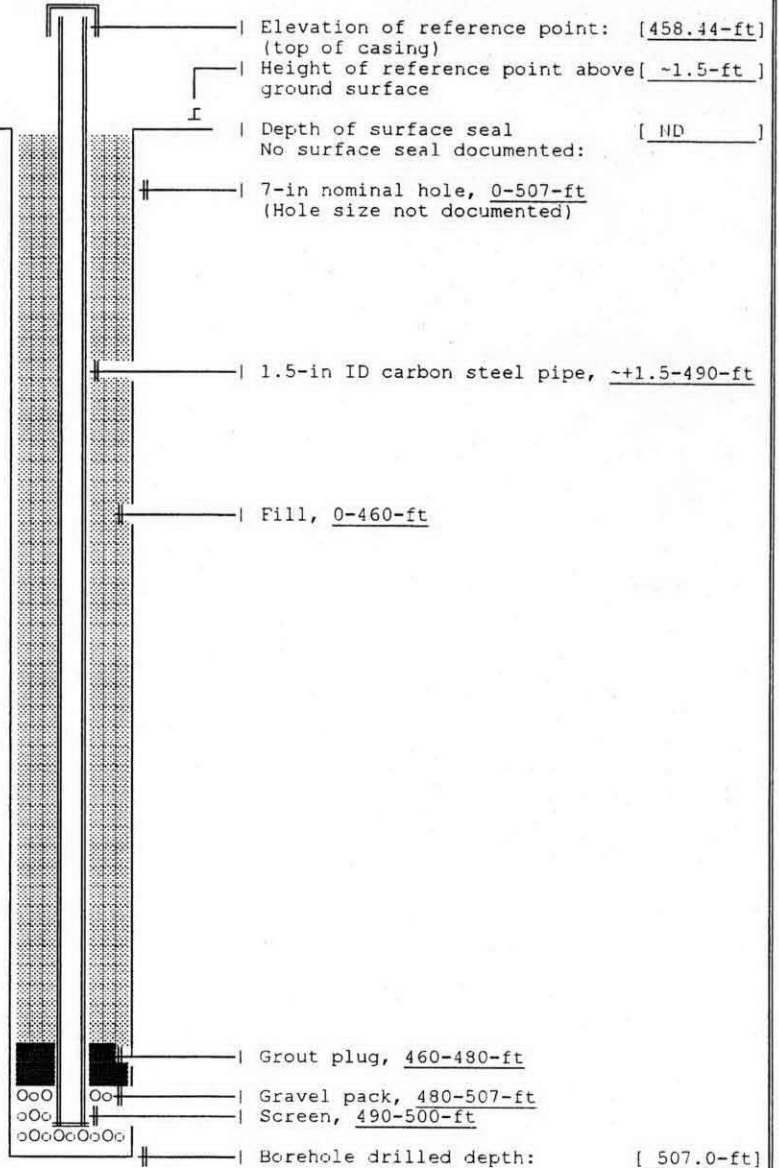
WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Mud Rotary	Sample Method: Mud return	WELL NUMBER: 699-14-E6P	TEMPORARY WELL NO: 699-12-E6P
Drilling Fluid Used: Mud	Additives Used: Not documented	Hanford	
Driller's Name: Wood/Lovdahl	WA State Lic Nr: Not documented	Coordinates: N/S N 13,711	E/W E 5,507
Drilling Company: Not documented	Company Location: Cour d'Alene ID	Coordinates: N 419,027	E 2,300,797
Date Started: 13Dec65	Date Complete: 08Jan66	Card #: Not documented	T 12N R 28E S 33R1
		Elevation	
		Ground surface: 457.0-ft	Estimated

Depth to water: 71-ft Jan66
(Ground surface)

GENERALIZED Driller's
STRATIGRAPHY Log

0-75: SAND w/GRAVELS
75-105: GRAVEL and BOULDERS
105-135: GRAVEL, BOULDRS, SAND
135-142: GRAVEL, BOULDERS, cemented SAND
142-150: Cemented GRAVEL
150-205: GRAVEL, BOULDERS, some CLAY
205-240: GRAVEL, BOULDERS, SAND
240-255: GRAVEL, SAND, CLAY
255-270: CLAY, w/GRAVEL
270-285: CLAY and GRAVEL
285-300: GRAVEL
300-315: CLAY and SAND
315-330: Sandy CLAY
330-345: Sandy CLAY and GRAVEL
345-360: Sandy blue CLAY
360-390: CLAY and GRAVEL
390-495: BASALT
495-507: CLAY, GRAVEL and ROCKS



Drawing By: RKL/61114E06P.ASB
Date : 13Sep94
Reference : HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-14-E6P

WELL DESIGNATION : 699-14-E6P
RCRA FACILITY : Not applicable
CERCLA UNIT : Not applicable
HANFORD COORDINATES : N 13,711 E 5,507 [HANFORD WELLS]
LAMBERT COORDINATES : N 419,027 E 2,300,797 [HANCONV]
DATE DRILLED : Jan66
DEPTH DRILLED (GS) : 507.0-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : 71-ft, Jan66
CASING DIAMETER : 14-in, carbon steel, (nominal) ~+1.5-490.0-ft
ELEV TOP OF CASING : 458.44-ft, [HANFORD WELLS]
ELEV GROUND SURFACE : 457.0-ft, Estimated
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : 490-500-ft
COMMENTS : FIELD INSPECTION,
OTHER:
AVAILABLE LOGS : Driller
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : No water level measurement data;
CURRENT USER : None documented
PUMP TYPE : None documented
MAINTENANCE :

MONITORING NETWORK

A8311

699-14-ELP

☒ WELL ☐ PIEZOMETER ☐ CLUSTER

WELL NUMBER

699-14-ELP

OPEN INTERVAL (FT - FT)

490 - 500

COORDINATES: N 013711
P E 005507

☐ PERFORATED
☒ SCREENED

WELL DIAMETER: (INCHES)

1.5

DATE DRILLED:

1/16/66

ELEVATION (FEET)

DEPTH TO WATER (FEET)

CASING

BOTTOM

GRILLED

458.44

494

507

71

COMMENTS:

Screen 490-500

gravel pack 480-500, gravel plug 460-480

WELL DATA AVAILABLE

DRILLER'S LOG:

✓

CORE:

WATER TABLE:

✓

RADIONUCLIDE:

2-4

CHEMISTRY:

RECOMMENDED REPAIRS:

air lifted to surface

170' 1/2"

WELL CONDITION

FIELD LOCATED:

MARKED:

CAPPED:

CLEANED:

SCREEN OR PERFORATION CONDITION:

RECOMMENDED MAINTENANCE:

WELL RECOMMENDED FOR:

☐ HEAD MONITORING

☐ WATER CHEMISTRY

☐ RADIONUCLIDE

☐ PUMP TESTING

WATER SAMPLE REPRESENTS:

INSPECTED BY:



DATE

WELL LOG INFORMATION

FEET

0

100

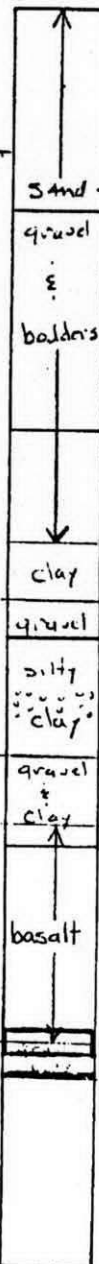
200

300

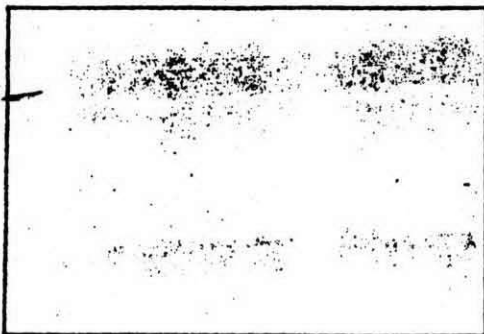
400

500

600



DRILLING RECORD



Well Number 699-14-E6P
 Coordinates P - N 013711 - E 005507
 Elevation of Casing 458.44'
 Water Level 71'
 Date 4-73
 Casing Dia .1.5" Length
 Driller J. Word & S. Lovdahl
 Date of Drilling 12-13-65 to 1-8-66
 Total Depth 507'

Completion Set well screen at 490'-500', gravel pack well screen 507'-480'
put grout plug from 460'480', backfill from 460'

Depth in Feet			
0	Sand w/gravels		
10		160	
20		170	
30		180	
40		190	
50		200	
60		210	
70		220	
75	Gravel, boulders	230	
80		240	
90		240	Gravel, sand, clay
100		250	
105	Gravel, boulders, sand	255	Clay w/gravel
110		260	
120		270	Clay, gravel
130		280	
135	Gravel, boulders, sand-cemented	285	Gravel
140	142' Cemented gravel	290	
150	150' Gravel, boulders, some clay	300	Clay, sand

Depth
in
Feet

310		510	507' Clay, gravel, rocks
			WELL COMPLETE
315'	Clay-sandy	520	
320			
330	330' Sandy clay, gravel	530	
340		540	Recorded Water Level
			None recorded in log
345'	Blue clay sandy	550	
350			
360	360' Clay, gravel	560	
370		570	
380		580	
390	390' Basalt	590	
400		600	
410		610	
420		620	
430		630	
440		640	
450		650	
460		660	
470		670	
480		680	
490		690	
495'	Clay, gravel, rocks	700	
500			

DRILLING LOG

PROJECT NO. C.A.C. 159

RIG NO. C-70-1

WELL. NO.
12E 6P

DATE 1/4/66.

471

DRILLER
J. Word S. Leydahl

FOREMAN

Gift Day

DEPTH COMPLETION OF SHIRT

OTHER DELAYS

EXPLANATIONS

REMARKS

11:00 - 13:00 Hook up hoses Haul water Prime pump 13:00 - 1830 Clean out
hole Thin out mud Run KX Core Barrel Diamond Core from 471'
to 475'

RIG NO.		WELL NO.		PROJECT NO.	
DRILLER		FOREMAN		DATE	
DRILLING		CORING		SHIFT	
TIME	DEPTH	TIME	DEPTH	TIME	DEPTH
0600	504'			0800-2000	
1130	507'			2000-0800	
Pay item		Recap.:		Depth	
H. Ralph				Basalt	
		403-434		31'	403'
		434-459		0	25'
		459-474		15	0 - 3' core Sample spec. work
		474-493		0	19
		493-495		2	0
		495-500		0	5
		500-504		4'	0
		504-507		0	0 - 3' core Sample spec. work
REMARKS					
0600-1130 Thin mud down Pull drill rods out Run Diamond Core					
Basal Run Diamond Core from 504'-507' 100% Recovery Pull rods out					
and Core Basal 5 1/2 hrs Special Work					

0800 Final setting N.X. Cairns. Flank N.X. Cairns, A Flank Hk. S of well section at 490'-500' level. Sack well section from 507'-480' Put back plus from 460'-480' Backfill hole from 460' - the 498.5' 1" pipe, level section

REMARKS

Run well Screen

0080

TIME

PRINTING

ORILLAS

1-042.

5. Lord S. Lloyd

FORLIAN

WELL, 110.

04171120

504

התאחדות העובדים

C.A.C 159

DATE

99/4/1

11111

Day

TIME

TYPE SOIL

CONTO

DEPTH

TIME

DEATH

צאנז, 17/12/1910

11.2.0

DEPT. OF COMMERCE, BUREAU OF ECONOMIC RESEARCH

JUNE 20 1973 11:50

507

699-14-EGP

22/7/19

P N 137
W 55

Elev. 458.44

DRILLING LOG

PROJECT NO.

C.A.C. - 159

RIG NO. CAD-1		WELL NO. 14-E6P		DATE 12/13/65		DEPTH BEGINNING OF SHIFT 0	
DRILLER S. Ward S. Loudahl		FOREMAN 14-E6P		SHIFT 0800 - 2000		DEPTH COMPLETION OF SHIFT	
TIME		DEPTH		TYPE SOIL		OTHER	
17:00		15'		Sand w/ Gravels			
17:30		30'		Sand w/ Gravels			
18:00		45'		Sand w/ Gravels			
19:00		60'		Sand w/ Gravels			
20:00		75'		Sand w/ Gravels		Change Drilling Mud	
0100		90'		GRAVELS very coarse + boulders			
0500		105'		GRAVEL and boulders			

REMARKS

L

DRILLING LOG

LOG NO. C7D-1		WELL NO. 1286P		DATE 12/15/65		PROJECT NO. CAC-154	
DRILLER S. Word S. Loudahl		FOREMAN		SHIFT 0800-2000		DEPTH BEGINNING OF SHIFT 205	
DRILLING		CORING		TIME 2000-0800		OTHER	
TIME	DEPTH	TIME	DEPTH	TYPE SOIL	TIME	OTHER	
12:30	210			Gravel Boulders + Sand		New Bit 210'	
16:00	225'			Gravel Boulders + Sand			
18:30	240'			Gravel Boulders + Sand			
20:00	241'			Sand Clay + Gravel			
22:30	255'			SAND Clay & GRAVELS		CLEANED PUMP 1/2	
24:00	270'	12-14/65		Clay w/ GRAVELS		CHANGE NEW BIT	
02:00	285'			Clay & GRAVEL		VERY COARSE GRAVEL AT 280'	
04:00	300'			GRAVEL		New Bit 300'	
06:30	315'			Clay x sand		GRAVEL 280' to 305'	
08:00	330'			Sandy Clay			

REMARKS

DRILLING LOG

PROJECT NO.

C.A.C. 159

RIG NO.

C7D-1

WELL NO.

12E6P

DATE

12/16/65

DEPTH OF DRILLING OF SHIFT

330'

DRILLER

Wood, S. Lundahl

FOREMAN

SHIFT

0800 - 2000

DEPTH COMPLETION OF SHIFT

DRILLING		CORING		TYPE SOIL	OTHER	EXPLANATION
TIME	DEPTH	TIME	DEPTH			
0800	330'			Sandy Clay	0800-10:00	haul water
11:00	345'			Sandy Clay w/ Gravel		
	350'			Blue Clay Sandy		Over haul Mud pump
16:00	360'			Blue Clay Sandy		
16:20	375'			Clay & Gravel		
17:00	390'			Clay w/ Gravel		
17:40	405'	403'		Basalt	New	Go To Bottom B.T. AT 405'
18:30	409'					
2000	409'					

REMARKS



[illegible]

✓ ~~hsk~~

699-14-EP

MONITORING NETWORK **A8311**

☒ WELL ☐ PIEZOMETER ☐ CLUSTER

WELL NUMBER **699-14-EP**

OPEN INTERVAL (FT - FT) **490 - 500**

COORDINATES: **N 013711**
P E 005507

☐ PERFORATED
☒ SCREENED

WELL DIAMETER: (INCHES) **1.5**

DATE DRILLED: **1/16/66**

ELEVATION (FEET)			DEPTH TO WATER (FEET)
CASING	BOTTOM	DRILLED	
458.44	494	507	71

COMMENTS: **Screen 490-500**
gravel pack 480-500, gravel plug 160-180

WELL DATA AVAILABLE

DRILLER'S LOG: ✓

CORE:

WATER TABLE: ✓

RADIONUCLIDE: **2-4**

CHEMISTRY:

RECOMMENDED REPAIRS:

air lifted before

170' 2"

WELL CONDITION

FIELD LOCATED:

MARKED:

CAPPED:

CLEANED:


SCREEN OR PERFORATION CONDITION:

RECOMMENDED MAINTENANCE:

WELL RECOMMENDED FOR:

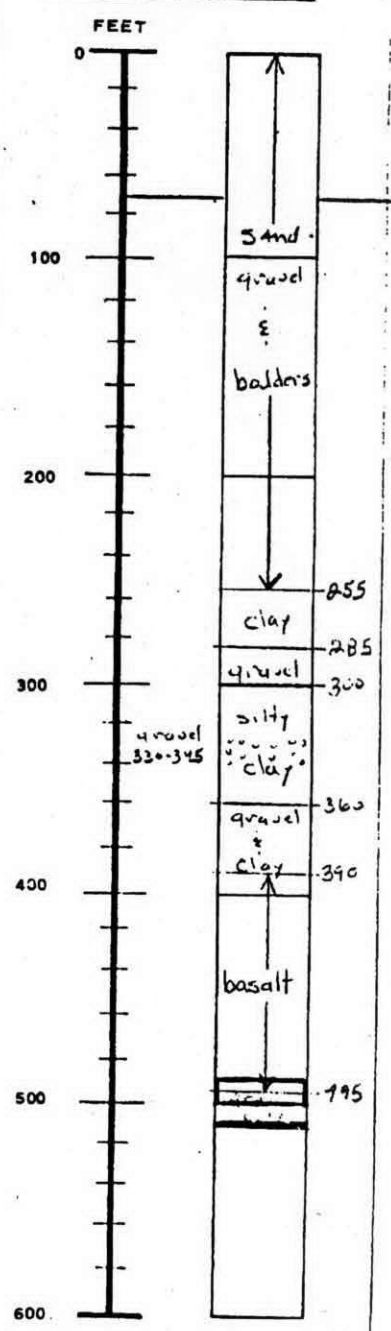
- ☐ HEAD MONITORING ☐ WATER CHEMISTRY
☐ RADIONUCLIDE ☐ PUMP TESTING

WATER SAMPLE REPRESENTS:

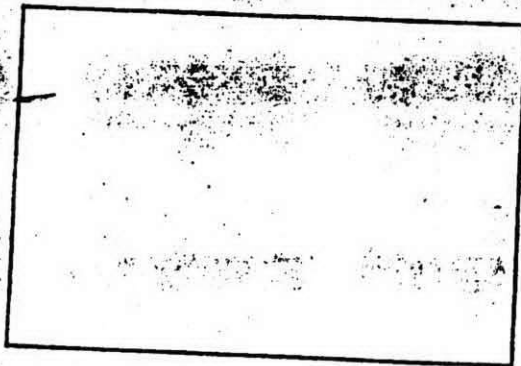
INSPECTED BY: 

DATE

WELL LOG INFORMATION



DRILLING RECORD



Well Number 699-14-E6P
 Coordinates P - N 013711 - E 005507
 Elevation of Casing 458.44'
 Water Level 71'
 Date 4-73
 Casing Dia .1.5" Length
 Driller J. Word & S. Lovdahl
 Date of Drilling 12-13-65 to 1-8-66
 Total Depth 507'

Completion Set well screen at 490'-500', gravel pack well screen 507'-480'
put grout plug from 460'-480', backfill from 460'

Depth in Feet	Log Description	Depth in Feet	Log Description
0'	Sand w/gravels	160'	
10'		170'	
20'		180'	
30'		190'	
40'		200'	
50'		210'	
60'		220'	
70'		230'	
75'	Gravel, boulders	240'	Gravel, sand, clay
80'		250'	
90'		255'	Clay w/gravel
100'		260'	
105'	Gravel, boulders, sand	270'	Clay, gravel
110'		280'	
120'		285'	Gravel
130'		290'	
135'	Gravel, boulders, sand-cemented	300'	Clay, sand
140'	Cemented gravel		
150'	Gravel, boulders, some clay		

Depth
in
Feet

310		510	507' Clay, gravel, rocks
			WELL COMPLETE
315' Clay-sandy		520	
320			
		530	
330' Sandy clay, gravel			
340		540	Recorded Water Level
			None recorded in log
345' Blue clay sandy		550	
350			
360' Clay, gravel		560	
370		570	
380		580	
390' Basalt		590	
400		600	
		610	
410			
		620	
420			
		630	
430			
		640	
440			
		650	
450			
		660	
460			
		670	
470			
		680	
480			
		690	
490			
495' Clay, gravel, rocks		700	
500			

PROJECT NO. C.A.C. 159

RIG NO. C-70-1

WELL. NO.
12E 6P

DATE 1/4/66

471

DRILLER
J. Word S. Leydahl

FOREMAN

SHIFT ~~7-7~~
Day

DEPTH COMPLETION OF SHIPT

OTHER DELAY

EXPLANATION

REMARKS

11:00-13:00 Hook up hoses Haul water Prime pump 13:00-1830 Clean out
hole Thin out mud Run OX Core Barrel Diamond Core from 471'
to 475'

C.A.C. 159

RIG NO. C7D-1

WELL. NO.
12 E-6 P
FOREMAN

DATE 1/5/65
BILL 0800-2000
2000-0800

DEPTH BEGINNING OF SHIFT
471
DEPTH COMPLETION OF SHIFT

DRILLER
Jillord S. Loudahl

OTHER BELONY

EXPLANATIONS

[illegible]

REMARKS

DRILLING LOG					PROJECT NO. CAC 159	
RIG NO. CFD-1		WELL NO. 1286P		DATE 1/6/66	DEPTH BEGINNING OF SHIFT 504'	
DRILLER J. Nord S. L. Dahl		FOREMAN		SHIFT 0800-2000	DEPTH COMPLETION OF SHIFT 507'	
DRILLING		CORING		OTHER DELAYS		
TIME	DEPTH	TIME	DEPTH	TYPE SOIL	TIME	EXPLANATION
0800	504'					
1130	507'					
				13:00	Running N.Y. Casing	
Pay item Recap.: Depth				Basalt	unconsolidated	
H. E. Ralph				403-434	31'	403'
				434-459	0	25'
				459-474	15	0 - 3' core sample spec. work
				474-493	0	19
				493-495	2	0
				495-500	0	5
				500-504	4'	0
				504-507	0	0 - 3' core sample spec. work
REMARKS						
0600-1130 Thin mud down Pull drill rods out Run Diamond Core						
Basalt in Diamond Core from 504'-507' 100% Recovery Pull rods out						
and Core Barrel 5 1/2 hrs Special Work						

C.A.C 159

RIG NO. C7D-1.

WELL. NO. 12E6P

DATE: 1/7/66

507

DRILLER
S. Wood S. Lundahl

FORLMAN

SHIFT Day

DEPTH COMPLETION OF SHIFT

OTHER DELAYS

EXPLANATION

[illegible]

REMARKS

Run well screen

0800 Finish setting N.X. Casing Flush N.X. Casing, A Flush Hole. Set well screen
at 490'-500' Gravel pack Well Screen from 507'-480' Put Drout plug
from 460'-450' Backfill hole from 460'- Use 498.5' 1.5" pipe, 1 well screen

עצמאות

P N 137
P W 552
Elev. 458.44

CAC-159

RIG NO.	CE-0-1
DRILLER	S. J. Koudahl
DATE	12/13/65
WELL NO.	14-E6P
FOURTH	14-E6P
DATE	12/13/65
DEPTH	2000 - 2000
OTHER	2000 - 2000
EXPLANATION	

TIME	DEPTH	CORING	TYPE SOIL	REMARKS
17:00	15'		Sand w/ Gravel	
17:30	30'		Sand w/ Gravel	
18:00	45'		Sand w/ Gravel	
19:00	60'		Sand w/ Gravel	
20:00	75'		Sand w/ Gravel	
21:00	90'	12/14/65	Sand w/ Gravel	
22:00	105'		Gravel and boulders	

Change Drilling Mud
Gravel and boulders
Gravel and boulders

RIG NO.		WELL NO.		DATE		DEPTH OF SHIFT	
C70-1		12 E 6 P		12/14/65		105'	
DRILLER		FOREMAN		SHIFT		DEPTH COMPLETION OF SHIFT	
J. C. S. S. S. S.				0800 - 2000			
DRILLING		CORING		TYPE SOIL		OTHER EXPLANATION	
TIME	DEPTH	TIME	DEPTH				
11:30	120'			GRAVEL Boulders + Sand			
14:30	135'			GRAVEL Boulders + Sand			
	142'	18:00		GRAVEL Boulders + Sand - Cemented			
19:30	150'			Cemented Gravel			
22:30	165'	12-14-65		CEMENTED GRAVEL AND Boulders			
02:30	180'			GRAVEL AND Boulders			
04:30	195'			GRAVEL and some Clay at 184 to 190			
08:00	205'			GRAVEL AND Boulders			

REMARKS

Some of the boulders are 1 to 2' thick

DRILLING LOG

PROJECT NO.

CAC 159

LIG NO.

C7D-1

WELL NO.

1286P

DATE

12/15/65

DEPTH PLANNING OF SHIT

205

DRILLER

J. Word S. Loudnhl

FOREMAN

SHIFT

0800-2000

DEPTH COMPLETION OF SHIT

2000-0800

OTHER

REMARKS

New Bit

FILE 159

New Bit

210'

DRILLING		CORING		TYPE SOIL	TIME	OTHER
TIME	DEPTH	TIME	DEPTH			
12:30	210			Gravel Boulders + Sand		
16:00	225'			Gravel Boulders + Sand		
18:30	240'			Gravel Boulders + Sand		
20:00	241'			Sand Clay + Gravel		
22:30	255'			Sand Clay + Gravel		Cleaned pump 1/2
24:00	270'	12-14/65		Clay w/ Gravel		Change New Bit
02:00	285'			Clay + Gravel		Very coarse Gravel at 280'
04:00	300'			Gravel		New Bit 300'
06:30	315'			Clay + Sand		Gravel 280' to 305'
08:00	330'			Sandy Clay		

REMARKS



DRILLING LOG

PROJECT NO.

C.A.C. 159

RIG NO. C7D-1

WELL NO.

12E6P

DATE

12/16/65

DEPTH BEGINNING OF SHIFT

330'

DRILLER

Wood, S. Lundahl

FOREMAN

SHIFT

0800 - 2000

DEPTH COMPLETION OF SHIFT

2000 - 0800

OTHER PERSONS

DRILLING		CORING		TYPE SOIL	TIME	EXPLANATION
TIME	DEPTH	TIME	DEPTH			
0800	330'			Sandy Clay	0800-10:00	HAUL WATER
11:00	345'			SANDY CLAY w/ GRAVELS		
	350'			Blue Clay Sandy		Over haul - Mud pump
16:00	360'			Blue Clay Sandy		
16:20	375'			Clay & Gravel		
17:00	390'			Clay w/ Gravel		
21:40	405'	403'		Basalt		New Go To Bottom B.T. AT 408'
18:30	409'					
2000	409'					

REMARKS



CAC 157

C-7D-1

12E-6P

12/20/65

DEATH BEGINNING OF LIFE

4.20

5.1.3d Σ handahl

FOREMAN

0800-3000

DEPTH COMPLETION OF SHIFTS

7000 - 0800

OTHER DELAYS:

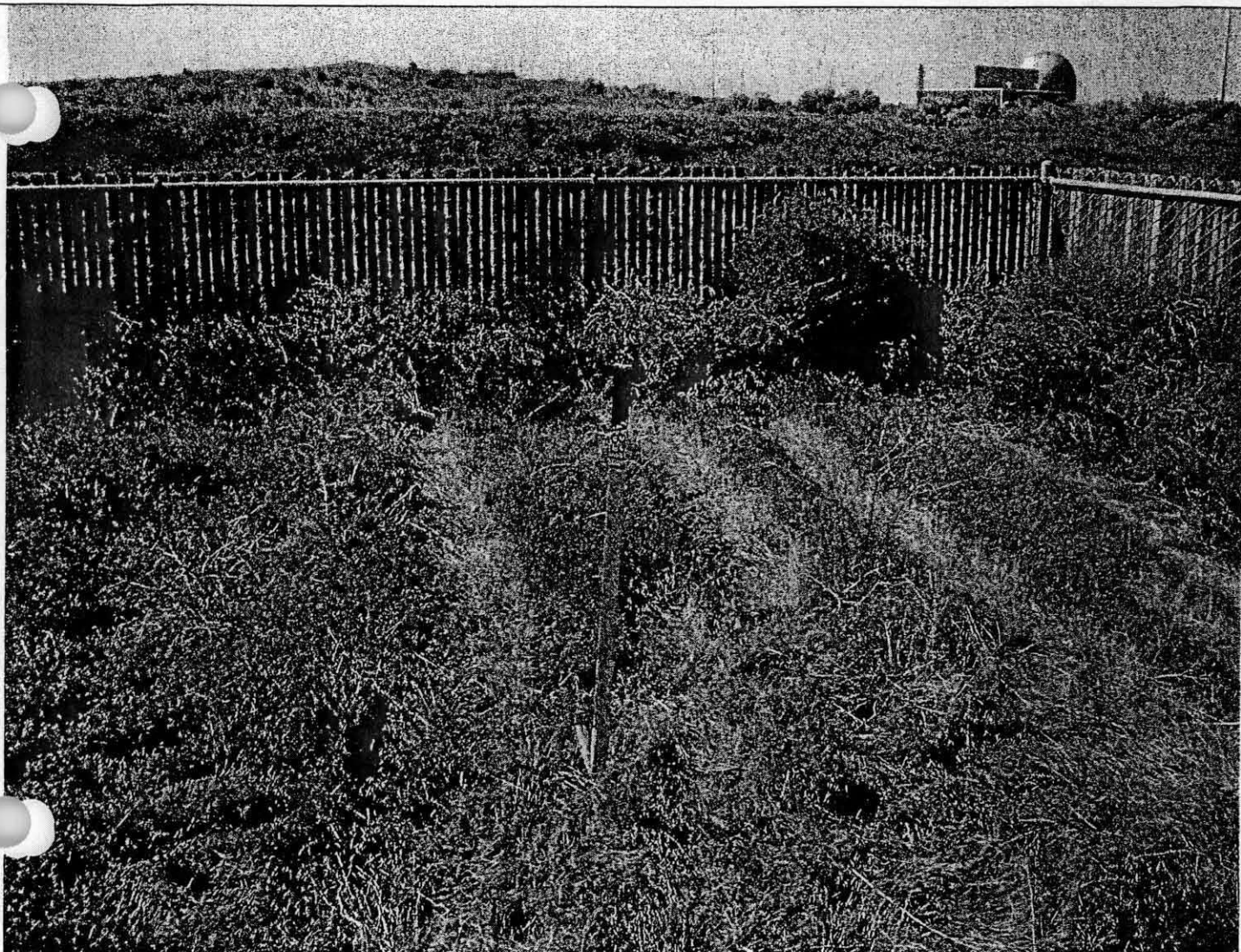
REMARKS

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS
A8311	699-14-E6P	UNKNOWN	NAD83	01/01/1801	CONVERTED	127703.282	591594.43	m

SURVEY DATA REPORT				Request No. 073-268	
Project No.		Title: Well Decommissioning A8311 / 699-14-E6P		File No. 6AT11R28	
Job No. 65400811.1225400		Prepared By Tim Johnson		Date 5/30/2007	
		Reviewer SAW		Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8311. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8311 was not found at the listed coordinates: N127703.28 E591594.43</p> <p>Set hub and lath.</p> <p>Took photo.</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



A8311

<input checked="" type="checkbox"/> Survey <input type="checkbox"/> Scan		SURVEY REQUEST		Request No. 0 7 3 - 0 2 6 8	
Project No. 65400811.1225400 CA10		Title Well Decommissioning: Energy Northwest Plant #1 & #4 Areas		File No. 6 A T 1 1 R 2 8	
Requested By Bonnie Howard		Phone 373-3935 / 366-6173		Date Required ASAP	
Field Contact Ed Rafuse		Organization FH		Location MO413 / 107 / 200E	
REFERENCE DOCUMENTS		GRID SYSTEM		DISTRIBUTION	
QMAP Plot & HWIS Coordinate List		<input checked="" type="checkbox"/> Lambert <input type="checkbox"/> Plant <input type="checkbox"/> Area <input type="checkbox"/> Geographic		Survey File	
				B.J. Howard	
				E.C. Rafuse	
				G.G. Kelty	
LOCATION OF WORK		WORK CONDITIONS			
ENW Plant #1 & #4/ 600A (See Sketch)		<input type="checkbox"/> SWP <input type="checkbox"/> Mask <input type="checkbox"/> Operator <input type="checkbox"/> Exclusion Entry		W.D. WEBBER	
SPECIAL INSTRUCTIONS					
ITEM	DESCRIPTION OF WORK				
1.	Stake or locate wells in support of Well Decommissioning. If found, obtain information for WAR report.				
	Wells: A8227, A8257, A8274, A8286, A8304, A8308, A8309, A8310, A8311, A8312, A8313, A8336, A8337 & A8347.				
Prepared By N.P. Fastabend		Date 4/24/07		Reviewed By	
NOTES/COMMENTS					
Lead Surveyor/Crew 3223#					
Date:		Signature:			

A8311 699-14-E6P

599-14-E6P

Location: N13711, E5507

12/28-33R1

Casing Elevation: 458.44

Muc rotary & coring (basalt only), drilled by
 Word & Lovdahl of Pitcher Drilling Company
 for BNWL, 1966, groundwater monitoring
 borehole

Material (1)	Thickness	Depth
Sand w/gravels	45	45
Sand w/gravels coarser	15	60
Sand w/gravels	15	75
Gravels, very coarse & boulders	15	90
Gravel & boulders	15	105
Gravel, boulders, & sand	30	135
Gravel, boulders, sand-cemented	7	142
Cemented gravel	8	150
Cemented gravel & boulders	15	165
Gravel & boulders	15	180
Gravel & some clay at 180-190 ft.	15	195
Gravel & boulders	10	205
Gravel, boulders, & sand	50	255
Clay w/gravels	15	270
Clay & gravel	10	280
Gravel, very coarse gravel at 280 ft.	25	305
Clay & sand	10	315
Sandy clay	15	330
Sandy clay w/gravels	15	345
Blue clay, sandy	15	360
Clay & gravels	43	403
Basalt	31	434
Basalt & blue clay	11	445
Basalt w/reddish brown in color	14	459
Basalt	15	474
Clay w/gravel & rocks	19	493
Basalt boulder clay w/gravel & rocks	5	500
Basalt	7	507

Pacific NW Lab by Battelle Memorial Institute

Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830

August 1993
 M.A. Charness & J.K. Meiz

HANFORD WELLS
 PNL-8800 UC-903

Query HWIS again

Available Documents:

Well ID	Document Number	Document Type	Date	Description	Rev
Well ID: A8311, Well Name: 699-14-E6P					
A8311	-- No information available --				

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOURCE
A8311	699-14-E6P	01/08/1966		507	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

699-14-E6Q

A8312

WELL ATTRIBUTES REPORT

WELL ID	A8312	NORTHING	127714.872	FIELD ORDER NO	
WELL NAME	699-14-E6Q	EASTING	591594.395	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.618	CONST DATE	1/26/1966
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/26/1966	CONST DEPTH	452
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

LAST INSPECTION INFORMATION		CURRENT INSPECTION INFORMATION	
WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL PAD	<input type="checkbox"/> YES <input type="checkbox"/> NO
BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BRASS SURVEY MARKER	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES <input type="checkbox"/> NO
PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PROTECTIVE POSTS	<input type="checkbox"/> YES <input type="checkbox"/> NO
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL LOCK	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL DAMAGED	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL IS DRY	<input type="checkbox"/> YES <input type="checkbox"/> NO
PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PARTED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	BENTONITE IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	WELL SANDED IN	<input type="checkbox"/> YES <input type="checkbox"/> NO
COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	COLLAPSED CASING	<input type="checkbox"/> YES <input type="checkbox"/> NO
EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	EQUIPMENT IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	DEBRIS IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
SURFACE EROSION	<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> ND <input type="checkbox"/> MINOR <input type="checkbox"/> NONE	SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> MINOR <input type="checkbox"/> NONE
LAST PUMP INFORMATION		CURRENT PUMP INFORMATION	
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input checked="" type="checkbox"/> ND <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> INSPECTED <input type="checkbox"/> NONE <input type="checkbox"/> REMOVED <input type="checkbox"/> REPLACED <input type="checkbox"/> REPAIRED
ACTIVITY PERFORMED BY		ACTIVITY PERFORMED BY	
DATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED	___/___/___
PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP IN WELL	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	PUMP TESTED	<input type="checkbox"/> YES <input type="checkbox"/> NO
NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	NEW PUMP	<input type="checkbox"/> YES <input type="checkbox"/> NO
PUMP TYPE		PUMP TYPE	
PUMP MAKE		PUMP MAKE	
PUMP MODEL		PUMP MODEL	
PUMP INTAKE DEPTH (ft)		PUMP INTAKE DEPTH (ft)	
LAST TUBING INFORMATION		CURRENT TUBING INFORMATION	
TUBING SIZE (in)		TUBING SIZE (in)	
TUBING MATERIAL		TUBING MATERIAL	
TUBING LENGTH (ft)		TUBING LENGTH (ft)	
TUBING CONNECTION		TUBING CONNECTION	
LAST MEASUREMENT INFORMATION		CURRENT MEASUREMENT INFORMATION	
DEPTH TO WATER(ft)		DEPTH TO WATER(ft)	
DEPTH TO WATER DATE		DEPTH TO WATER DATE	___/___/___
DEPTH TO BOTTOM(ft)	451	DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		DEPTH TO BOTTOM DATE	___/___/___
STICK UP(ft)		STICK UP(ft)	
REFERENCE MARK(ft)		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO

WELL ATTRIBUTES REPORT

WELL ID	A8312	NORTHING	127714.872	FIELD ORDER NO	
WELL NAME	699-14-E6Q	EASTING	591594.395	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	140.618	CONST DATE	1/26/1966
GW OPERABLE UNIT	300-FF-5	DRILL DATE	1/26/1966	CONST DEPTH	452
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					

WELL ATTRIBUTE COMMENTS

CASING INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED
1.5/in	0/440/ft	CARBON STEEL	INNER			N

CHANGES

SCREEN INFORMATION

SIZE/UNITS	TOP/BOT/UNITS	MATERIAL	TYPE	SLOT SIZE/UNITS	REMOVED
1.5/in	440/450/ft		PIPE SIZE		N

CHANGES

PERFORATION INFORMATION

CASING SIZE/UNITS	TOP/BOT/UNITS	CUTS/FT/ROUND	REMOVED

CHANGES

Well ID A8312
Well Name 699-14-E6Q
Inspection ID: 3394
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)		<p>ND* - Not Documented</p>	
Depth To Water Date			
B Depth to Bottom (ft)	451		
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		

NORTHWEST
ENERGY

SEE WELL SURVEY REPORT & PHOTO - ENCL
WELL DECOM. 04/05/07

WELL ATTRIBUTES REPORT

WELD ORDER NO		LAST INSPECTION	1/1/1801
WELL ID	A8312	NORTHING	127714.872
WELL NAME	699-14-E6Q	EASTING	591594.395
HOST WELL ID		ELEVATION	140.618
CONST DATE	1/26/1966		
CONST DEPTH	452		

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
LLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*	SURFACE EROSION	<input type="checkbox"/> MAJOR	<input type="checkbox"/> NONE	<input type="checkbox"/> MINOR
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input checked="" type="checkbox"/> ND*	PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED	<input type="checkbox"/> REPLACED	<input type="checkbox"/> REMOVED
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

WELL ATTRIBUTES REPORT

FIELD ORDER NO
WELL ID A8312
WELL NAME 699-14-E6Q
HOST WELL ID

CONST DATE 1/26/1966
CONST DEPTH 452

LAST INSPECTION 1/1/1801
NORTHING 127714.872
EASTING 591594.395
ELEVATION 140.618

MEASUREMENT INFORMATION			
		LAST	CURRENT
A	DEPTH TO WATER(ft)		
	DEPTH TO WATER DATE		
B	DEPTH TO BOTTOM(ft)	451	
	DEPTH TO BOTTOM DATE		
C	STICK UP(ft)		
D	REFERENCE MARK(ft)		
	REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION			
CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND

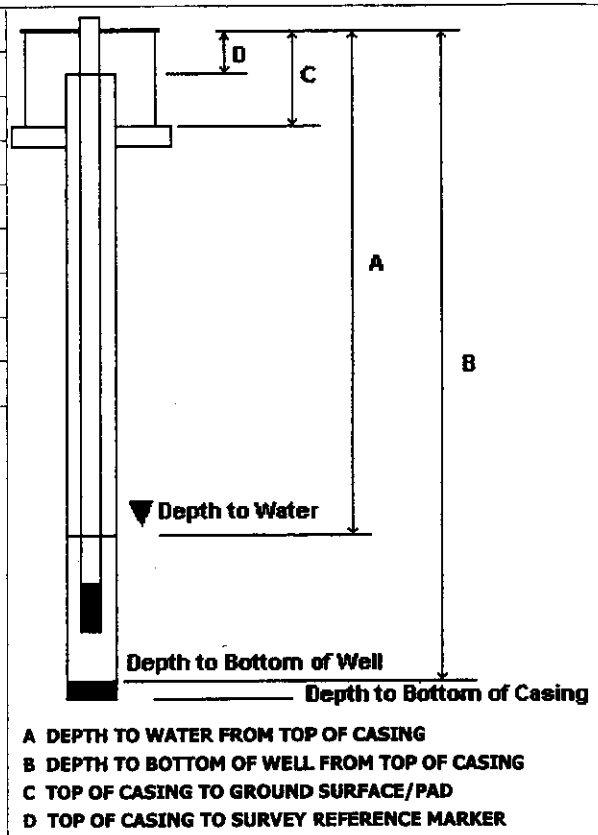
CHANGES

CASING INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
1.5	0	440	CARBON STEEL	INNER		

CHANGES

SCREEN INFORMATION						
SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE	
1.5	440	450		PIPE SIZE		

CHANGES



WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP BOT	
699-13-13B SW		13257.00 -13105.00	539.00 5.0 6/63	140.0				SEISMIC SHOT HOLE FILLED SP. 1-2 GSI 4" PLASTIC LINER GOLDER S-14
699-13-26 GW		13092.00 -26479.00	512.78 6.0 2/81	820.0 214.0 115.0				
699-13-28A GW			6.0 12/81	135.0				
699-13-28B VW			6.0 12/81					
699-13-64 GW B		12596.00 -63975.00	552.07 8.0 10/50	167.5 156.0 120.0	P	8.0	120.0 147.0	PLUG AT 156 12.5-64.0, USGS
699-14-E6P GW		13711.00 5507.00	458.44 1.5 1/66	507.0 500.0	P	1.5	490.0 500.0	
699-14-E6Q GW		13749.00 5507.00	457.91 1.5 1/66	452.0 450.0 71.0	S	1.5	440.0 450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
699-14-E6R GW						.5	377.0 387.0	
699-14-E6S GW						.5	284.0 294.0	
699-14-E6T GW B						.5	110.0 120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
699-14-E4 SW		13800.00 4000.00	461.22 12/74	114.0				1C-SP-11 DESTROYED CB-2
699-14-E3A AB		13900.00 2860.00	451.60 12/74	88.0 82.0				

Hanford Wells

PNL-8800 UC-903

M. A. Chamness & J. K. Merz

August 1993

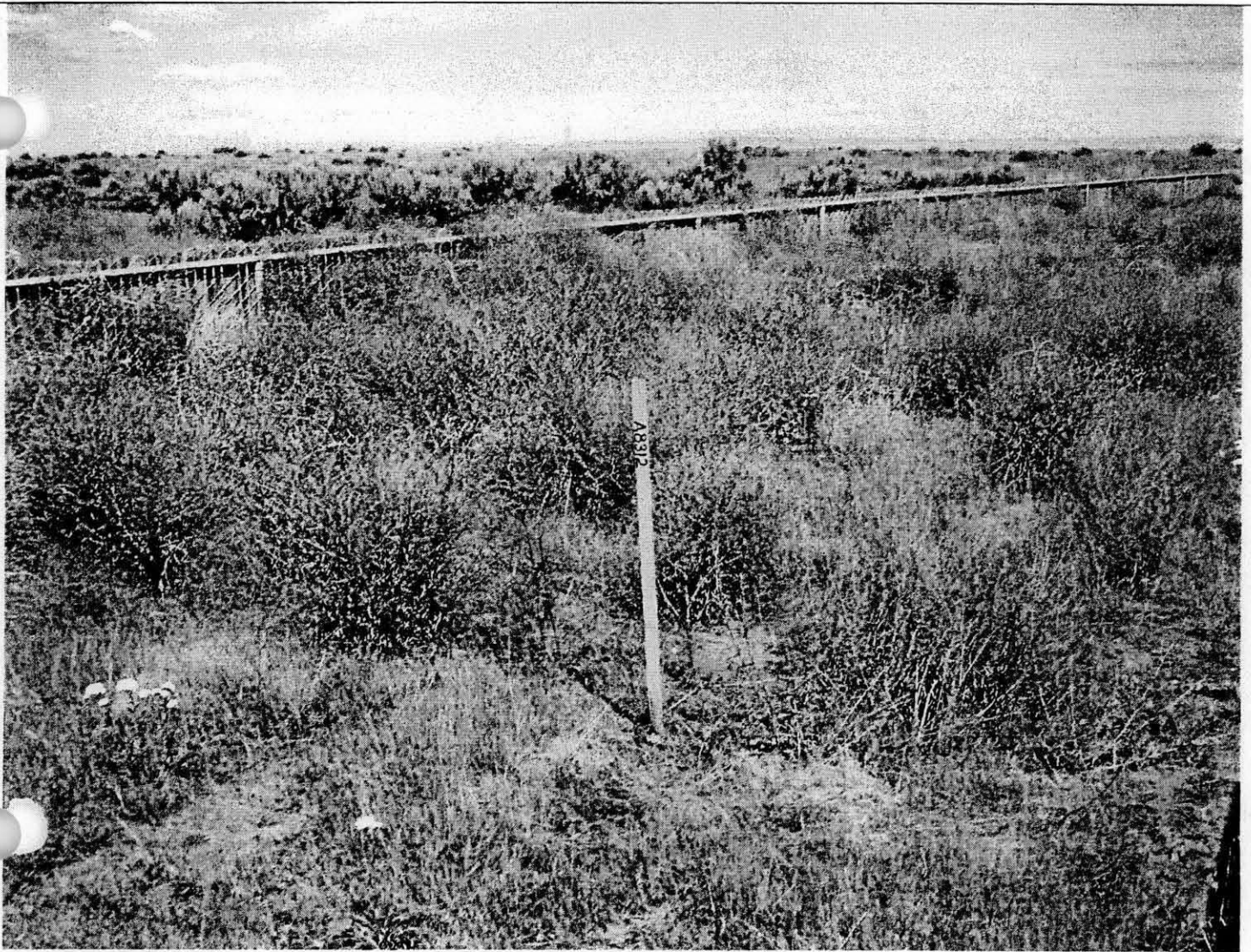
Prepared for U. S. Dept of Energy under
Contract DE-AC06-76RLO 1830
Pacific NW Lab by Battelle Memorial Institute

Query HWIS again

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
A8312	699-14-E6Q	UNKNOWN	NAD83	01/01/1801	CONVERTED	127714.872	591594.395	m	

SURVEY DATA REPORT				Request No. 073-268	
Project No.		Title: Well Decommissioning A8312 / 699-14-E6Q			File No. 6AT11R28
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 6/8/2007	Reviewer SAW		Page 1 of 2
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8312. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
<p>Well ID# A8312 was not found at the listed coordinates: N127714.87 E591594.40</p> <p>Set hub and lath.</p> <p>See Photo</p> <p>Equipment Used: Trimble 5800 GPS Receiver, RTK</p>					
<p>NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.</p>					



A8312 / 699-14-EGQ

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOU
A8312	699-14-E6Q	01/26/1966		452	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

Query HWIS again

HWIS Interface - Survey Information - Vertical

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS	QUALIFI
A8312	699-14-E6Q	HEIS	01/08/1966	CONVERTED	140.618	m	

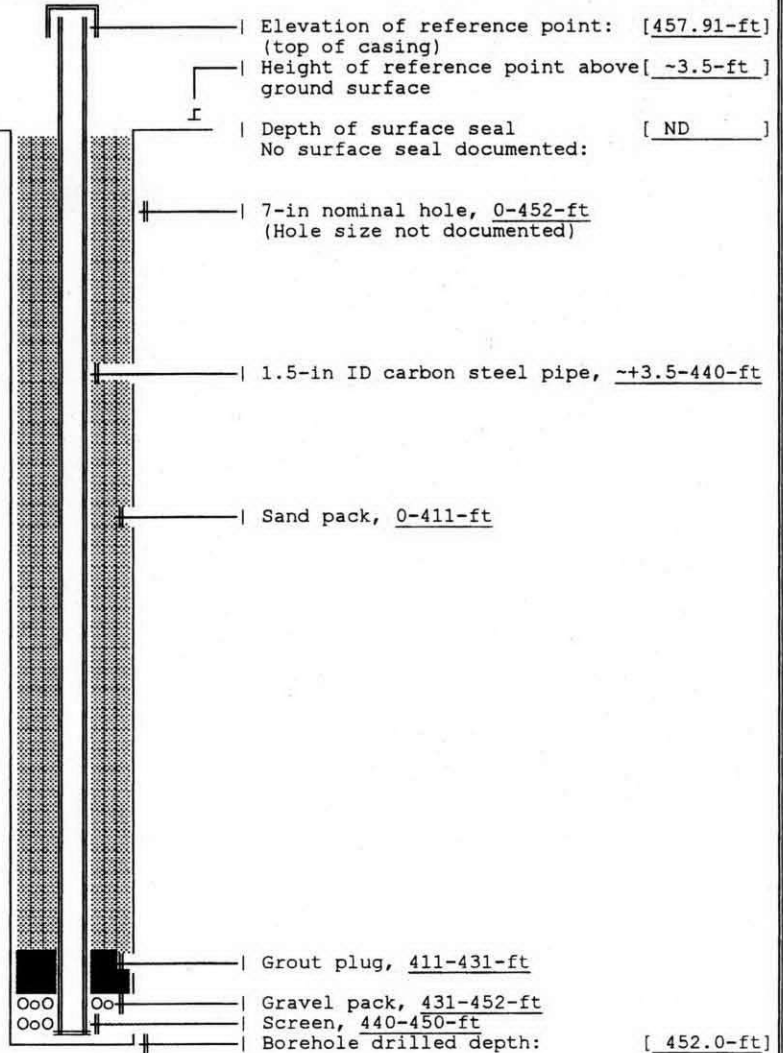
WELL CONSTRUCTION AND COMPLETION SUMMARY

Drilling Method: Mud Rotary	Sample Method: Mud return	WELL NUMBER: 699-14-E6Q	TEMPORARY A8312	WELL NO: 699-12-E6Q
Drilling Fluid Used: Mud	Additives Used: Not documented	Hanford		
Driller's Name: Wood/Lovdahl	WA State Lic Nr: Not documented	Coordinates: N/S	N 13,749	E/W E 5,507
Drilling Company: Not documented	Company Location: Cour d'Alene ID	State		
Date Started: 08Jan66	Date Complete: 26Jan66	Coordinates: N	419,065	E 2,300,797
		Card #: Not documented	T 12N R 28E S 33R2	
		Elevation		
		Ground surface: 454.5-ft	Estimated	

Depth to water: 70-ft Jan66
(Ground surface)

GENERALIZED Driller's
STRATIGRAPHY Log

0-75: SAND and GRAVEL
75-79: GRAVEL, COBBLES, BOULDERS
79-105: COBBLES, BOULDERS, GRAVEL
(Lost circulation zone @ 85-ft)
105-180: COBBLES, BOULDERS, GRAVEL
180-195: COBBLES, GRAVEL,
silty CLAY w/GRAVEL
195-205: GRAVEL and BOULDERS
205-240: COBBLES, BOULDERS, GRAVEL
240-285: SAND, CLAY and GRAVEL
285-300: GRAVEL, COBBLES, BOULDERS
300-330: Sandy CLAY w/GRAVEL
330-345: More sandy CLAY
345-360: SAND, CLAY, w/GRAVEL
360-390: CLAY and SAND, GRAVEL
390-435: BASALT
435-452: Blue CLAY and GRAVEL and BASALT



Drawing By: RKL/6N14E06Q.ASB
Date : 13Sep94
Reference : HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-14-E6Q

WELL DESIGNATION : 699-14-E6Q
RCRA FACILITY : Not applicable
CERCLA UNIT : Not applicable
HANFORD COORDINATES : N 13,749 E 5,507 [HANFORD WELLS]
LAMBERT COORDINATES : N 419,065 E 2,300,797 [HANCONV]
DATE DRILLED : Jan66
DEPTH DRILLED (GS) : 452.0-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : 70-ft, Jan66
CASING DIAMETER : 1 $\frac{1}{2}$ -in, carbon steel, (nominal) ~+3.5-452.0-ft
ELEV TOP OF CASING : 457.91-ft, [HANFORD WELLS]
ELEV GROUND SURFACE : 454.5-ft, Estimated
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : 440-450-ft
COMMENTS : FIELD INSPECTION,
OTHER:
AVAILABLE LOGS : Driller
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : No water level measurement data;
CURRENT USER : None documented
PUMP TYPE : None documented
MAINTENANCE :

A8312 699-14-E6Q

699-14-E6Q

Location: N13749, E5507 12/28-33R2
 Casing Elevation: 457.91
 Mud rotary, drilled by Word & Lovdahl of
 Pitcher Drilling Company for BNWL, 1966,
 groundwater monitoring borehole

Material (1)	Thickness	Depth
Sand & gravels	75	75
Gravel cobbles-boulders	1	76
Gravel cobbles-boulders	3	79
Cobbles, boulders & gravel	11	90
Gravel boulders & gravel	15	105
Gravel & boulders	15	120
Cobbles, boulders, & gravel	60	180
Cobbles, gravel	3	183
Some silty clay w/gravels	5	188
Cobbles, gravel	7	195
Gravel & boulders	10	205
Cobbles, boulders, gravel	33	238
Sandy clay & gravel	15	285
Sand, clay w/gravel	32	270
Gravel, cobbles, boulders	32	302
Sandy clay w/gravels	28	330
Sandy, more clay	15	345
Sand clay w/gravels	15	360
Clay w/sand & gravels	42	402
Basalt	33	435
Blue clay w/gravels	14	449
Basalt	3	452

699-14-E6R

Location: N13787, E5508 12/28-33R3
 Casing Elevations: 458.14
 Mud rotary, drilled by Word & Lovdahl of
 Pitcher Drilling Company for BNWL, 1966,
 groundwater monitoring borehole

Material (1)	Thickness	Depth
Sand & gravel	60	60
Sand & gravels, few cobbles	15	75
Boulders, cobbles, & gravels	38	113
Cobbles, boulders, gravel	82	235
Cobbles, boulders, gravel, & clay	1	236
Gravel & clay	49	285
Cobbles & gravel	10	295
Cobbles & boulders & gravel;	4	299
Sandy clay w/gravels	91	390

HANFORD WELLS
 PNL-8800 UC-903
 M.A. Charness & J.K. Merz
 August 1993
 Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830
 Pacific NW Lab by Battelle Memorial Institute

644-14-E69

MONITORING NETWORK

A8312

<input checked="" type="checkbox"/> WELL <input type="checkbox"/> PIEZOMETER <input type="checkbox"/> CLUSTER				WELL NUMBER <u>699-14-E69</u>	OPEN INTERVAL (FT - FT) <u>440-450</u>
COORDINATES: <u>N 013749</u> <u>P E 005507</u>				<input type="checkbox"/> PERFORATED <input checked="" type="checkbox"/> SCREENED	WELL DIAMETER: (INCHES) <u>1.5</u>
				DATE DRILLED: <u>1/66</u>	
ELEVATION (FEET)			DEPTH TO WATER (FEET)	COMMENTS: <u>Screen 740-750</u> <u>gravel pack 752-731, grout 731-711</u>	
CASING	BOTTOM	DRILLED			
457.91	452	452	70		

WELL DATA AVAILABLE		RECOMMENDED REPAIRS: <u>air lifted to surface</u>
DRILLER'S LOG: <input checked="" type="checkbox"/>		
CORE:		
WATER TABLE: <input checked="" type="checkbox"/>		
RADIONUCLIDE: <u>2-4</u>		
CHEMISTRY:		
WELL CONDITION		
FIELD LOCATED:		
MARKED:		
CAPPED:		
CLEANED:		
SCREEN OR PERFORATION CONDITION:		RECOMMENDED MAINTENANCE:
WELL RECOMMENDED FOR:		
<input type="checkbox"/> HEAD MONITORING <input type="checkbox"/> WATER CHEMISTRY		
<input type="checkbox"/> RADIONUCLIDE <input type="checkbox"/> PUMP TESTING		
WATER SAMPLE REPRESENTS:		
		INSPECTED BY:
		DATE

WELL LOG INFORMATION	
FEET	
0	sand
	↓
	gravel
	↑
75	
	gravel
	↓
	boulders
	↓
200	3.4% clay 4-5 180-195
	↓
	sandy clay
	↓
	gravel
	↓
390	
	grout
	↓
735	
	inhibitor
	↓
500	
600	

D

1

[illegible]

WELL NO 71-E6-1)

Depth 451

PROJECT NO. C.A.C. 159

C7D-1

~~17E6Q~~

1/8/66

J. Wood & S. Loudahl

14-E6 Q

0800-2000

DEPTH COMPLETION OF SHIFT

79'

OTHER RELIGION

EXPLANATION

TIME

DEPTH

TIME

DEETH

TYPE SOIL

TIME

EXPLANATIONS

13:30

1.5'

Sand + Gravels

142.5

30'

Sand + Gravel/s

15:00

4.5'

Saint + Graves

1.5: 4.5

60!

SAND + GRAVELS

16:30

75'

Solid + Gaseous

76' Gravel Cobbles - Boulders

1820

79 ✓

REMARKS

1. - 7000 - 0000 ()

1950

RIG NO.	DATE	WELL NO.	FOREMAN	DRILLER	DRILLING	TIME	DEPTH	TIME	DEPTH	TYPE SOIL	TIME	EXPLANATION
C-7D-1	12-3-60	17-3-60	M. E. You	S. L. Keadah	DRILLING	12:30	120'	08:00	120'	New B.Ts	120'	
						13:30	135'	10:30	135'	Cobbles & Boulders - Gravel	115'	
						13:45	150'		105'	Cobbles Boulders - Gravel	115'	
						18:00	165'		90'	Cobbles Boulders - Gravel	115'	
						20:00	175'		75'	Cobbles Boulders - Gravel	115'	
						21:30	180'		0	Cobbles Boulders - Gravel	115'	
						02:30	195'		180'	Cobbles Boulders - Gravel	115'	
						08:00	205'		193'	Cobbles & Boulders	115'	
									180'	Gravel & Boulders	115'	

REMARKS



DRILLING LOG

CAC 159

RIG NO. C7D-1

WELL NO. 12F6-Q

DATE 1/20/66

DEPTH TO TOP OF SHIFT 215

DRILLER S. Lundahl

FOREMAN

SHIFT 0800-2000
2000-0800

DEPTH COMPLETION OF SHIFT

DRILLING		CORING		TYPE SOIL	TIME	EXPLANATION
TIME	DEPTH	TIME	DEPTH			
0800	215'			Cobbles Boulders Gravel		New bits 205 and 220'
1300	225'			Cobbles Boulders - Gravel		Drilling is slow & rough
1630	240'			Cobbles Boulders - Gravel		
			238'	Sandy Clay w/ Gravels		Down Repair chains
1716	255'			Sandy Clay w/ Gravels		13-30 - 15:30
1800	270'			Sandy Clay w/ Gravels		
1850	285'			Sand, Clay & Gravel		HIT COARSE GRAVEL
2250	300'			Gravel - Cobbles - Boulders		Pack swivel + new bit
2430	315'			Sandy Clay w/ Gravels		BACK IN SANDY CLAY
0100	330'			" "	" "	" THIN MUD GRAVELS AT 302'
0200	345'			" MORE CLAY		WORKED ON PUMP
0400	360'			SAND CLAY w/ GRAVELS		Thin mud down

REMARKS



C.A.C. 15-9

7-030 ON 512

7-11-1

146227 5 PY211 F

9517110

MAIL

HJ.130

TIME

H L 430

7105 2121

1444

۱۰۰۰۰ - ۱۰۰۰۰
 ۱۰۰۰۰ - ۱۰۰۰۰

72 / 1-2 / 1-

215

1979 000000

19137127183

1-565

12/5/8

163

AFID

1610

7. 12. 1972

5/2.16 Y 9 1 P N 15

54 N D x 57 A 1215

HIT. BASALT. 17.462.

REMARKS



REMARKS

DATE	WELL NO.	FOREMAN	DILLING	TIME	DEPTH	CORING	DEPTH	TYPE BOIL	TIME	EXPLANATION	OTHER DATA
1/21/66	1736-R		5' 40" 1/2		403'		Basalt			New BIT 413'	DEPTH CORRECTION OF 403'
1/21/66	1736-R		405'		405'		Basalt			New BIT 421	DEPTH CORRECTION OF 403'
2/10-2000			420'		420'		Basalt				
2000-0800			425'		425'		Basalt				

C.A.C. 1579

04171910

REMARKS

[illegible]

WELL NO.	CD-1	DRILLER	THOMAS S. Goodall
FOREMAN	W. E. G. G.	TYPE SOIL	OTHER DATA
DATE	11/22/46	DEPTH	0800 - 2000
DEPTH CORRECTION OF FEET	0800 - 0800	DEPTH CORRECTION OF FEET	0800 - 0800
WELL NO.	CD-1	DRILLER	THOMAS S. Goodall
FOREMAN	W. E. G. G.	TYPE SOIL	OTHER DATA
DATE	11/22/46	DEPTH	0800 - 2000
DEPTH CORRECTION OF FEET	0800 - 0800	DEPTH CORRECTION OF FEET	0800 - 0800

110

7D-1

172 F-6-Q

125/6-6

452

T. Lind S. Leodahl

16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851

TIME

DEPT 111

TYPE SOIL.

3211

CONFIDENTIAL

7

REMARKS

CSCB

Y. K. K. Admission

PLIX Cassette

Th. L. Child and Sons, Lowell

with ocean side of 450' - 470' Gravel beach side from 452' - 431'

Box 431-441
Plains, N.Y. casing and sand packing for

Turn 411 - line 4456 15 pages 11/11/11



699-14-E6R
A8313

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

WELL NAME

HOST WELL ID

A8313

699-14-E6R

CONST DATE

CONST DEPTH

2/2/1966

390

LAST INSPECTION

NORTHING

EASTING

ELEVATION

1/1/1801

127726.463

591594.665

140.688

LAST INSPECTION INFORMATION				CURRENT INSPECTION INFORMATION			
WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL PAD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BRASS SURVEY MARKER	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH SURVEY DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	MARKER STAMPED WITH WELL ID DATA	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL ID	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LABELED WITH WELL NAME	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PROTECTIVE POSTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	REMOVABLE POST IN PLACE	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL LOCK	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL DAMAGED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL IS DRY	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PARTED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	BENTONITE IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	WELL SANDED IN	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	COLLAPSED CASING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	EQUIPMENT IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	DEBRIS IN WELL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR <input checked="" type="checkbox"/> ND*			SURFACE EROSION	<input type="checkbox"/> MAJOR <input type="checkbox"/> NONE <input type="checkbox"/> MINOR		
LAST PUMP INFORMATION				CURRENT PUMP INFORMATION			
PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input checked="" type="checkbox"/> ND* <input type="checkbox"/> REMOVED			PUMP ACTIVITY PERFORMED	<input type="checkbox"/> INSTALLED <input type="checkbox"/> REPLACED <input type="checkbox"/> REMOVED		
PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	PUMP TESTED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> ND*	NEW PUMP	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
ACTIVITY PERFORMED BY	ND*			ACTIVITY PERFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE			
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)				TUBING SIZE (in)			
TUBING MATERIAL	ND*			TUBING MATERIAL			
TUBING LENGTH (ft)				TUBING LENGTH (ft)			
TUBING CONNECTION	ND*			TUBING CONNECTION			

WELL ATTRIBUTES REPORT

FIELD ORDER NO

WELL ID

WELL NAME

HOST WELL ID

A8313

699-14-E6R

CONST DATE

2/2/1966

CONST DEPTH

390

LAST INSPECTION

1/1/1801

NORTHING

127726.463

EASTING

591594.665

ELEVATION

140.688

MEASUREMENT INFORMATION

	LAST	CURRENT
A DEPTH TO WATER(ft)		
DEPTH TO WATER DATE		
B DEPTH TO BOTTOM(ft)	390	
DEPTH TO BOTTOM DATE		
C STICK UP(ft)		
D REFERENCE MARK(ft)		
REFERENCE MARK IS TOC	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ND*	<input type="checkbox"/> YES <input type="checkbox"/> NO

PERFORATION INFORMATION

CASING SIZE	TOP	BOTTOM	CUTS/FT/ROUND
-------------	-----	--------	---------------

CHANGES

CASING INFORMATION

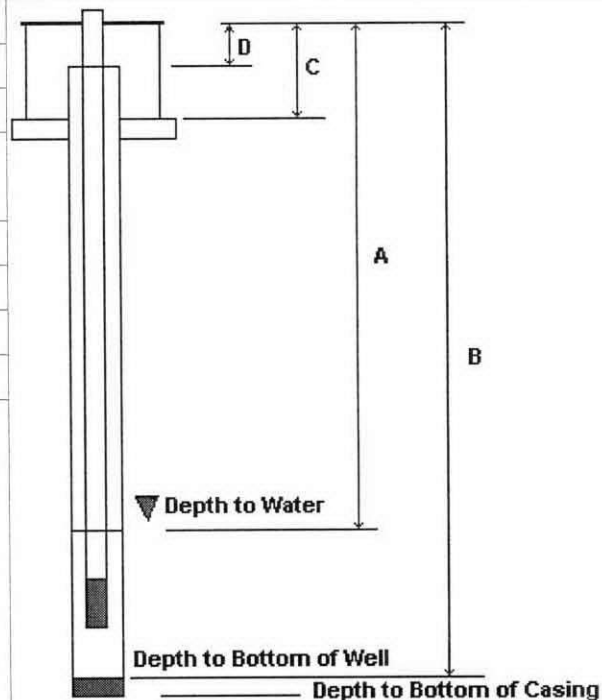
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	THICKNESS
1.5	0	380	CARBON STEEL	INNER		

CHANGES

SCREEN INFORMATION

SIZE	TOP	BOTTOM	MATERIAL	TYPE	SLOT SIZE
1.5	380	390		PIPE SIZE	

CHANGES



- A DEPTH TO WATER FROM TOP OF CASING
- B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING
- C TOP OF CASING TO GROUND SURFACE/PAD
- D TOP OF CASING TO SURVEY REFERENCE MARKER

Well ID A8313
Well Name 699-14-E6R
Inspection ID: 3395
Inspection Date: 01/01/1801

INSPECTION INFORMATION		PUMP INFORMATION	
Well Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Activity Performed	
Brass Survey Marker	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Activity Performed By	ND*
Marker Stamped w/Survey Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Date Activity Performed	
Marker Stamped w/Well ID Data	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well ID	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	New Pump	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*
Well Labeled w/Well Name	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Type	ND*
Protective Posts	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Make	ND*
Removable Posts in Place	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Model	ND*
Well Lock	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Pump Intake Depth (ft)	
Well Damaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	TUBING INFORMATION	
Well is Dry	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Size (in)	
Parted Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Material	ND*
Bentonite in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Length	
Well Sanded In	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*	Tubing Connection	ND*
Collapsed Casing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Equipment in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Debris in Well	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
Surface Erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		
MEASUREMENT INFORMATION			
A Depth to Water (ft)		ND* - Not Documented	
Depth To Water Date			
B Depth to Bottom (ft)	390		
Depth to Bottom Date			
C Stick Up (ft)			
D Reference Mark (ft)			
Reference Mark in TOC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ND*		

WELL NAME WELL TYPE PUMP TYPE	COORDINATES		CASING ELEV WELL DIAM DATE COMPL	DRILL DEPTH COMPL DEPTH DEPTH WATER	PERF/SCREEN			COMMENTS PREVIOUS WELL NAMES
	L 83 NS/EW	PLANT NS/EW			TYPE	DIAM	TOP BOT	
699-13-13B SW		13257.00 -13105.00	539.00 5.0 6/63	140.0				SEISMIC SHOT HOLE FILLED SP. 1-2 GSI
699-13-26 GW		13092.00 -26479.00	512.78 6.0 2/81	820.0 214.0 115.0				4" PLASTIC LINER GOLDER S-14
699-13-28A GW			6.0 12/81	135.0				
699-13-28B VW			6.0 12/81					
699-13-64		12596.00	552.07	167.5 156.0 120.0	P	8.0	120.0 147.0	PLUG AT 156 12.5-64.0, USGS
Hanford Wells PNL-8800 UC-903 M. A. Chamness & J. K. Merz August 1993 Prepared for U. S. Dept of Energy under Contract DE-AC06-76RLO 1830 Pacific NW Lab by Battelle Memorial Institute				507.0 500.0	P	1.5	490.0 500.0	
				452.0 450.0 71.0	S	1.5	440.0 450.0	ELEPHANT MOUNTAIN INTERFLOW ZONE
699-14-E6R GW		13787.00 5508.00	458.14 1.5 2/66	390.0 390.0 71.0	P	1.5	377.0 387.0	
699-14-E6S GW		13830.00 5506.00	457.77 1.5 2/66	302.0 294.0	P	1.5	284.0 294.0	
699-14-E6T GW B		13869.00 5500.00	458.38 1.5 2/66	122.0 120.0 94.0	S	1.5	110.0 120.0	SINGLE PIEZOMETER HOLE, BENT OVER, NO LONGER USED
699-14-E4 SW		13800.00 4000.00	461.22 12/74	114.0				1C-SP-11
699-14-E3A AB		13900.00 2860.00	451.60 12/74	88.0 82.0				DESTROYED CB-2

WELL CONSTRUCTION AND COMPLETION SUMMARY

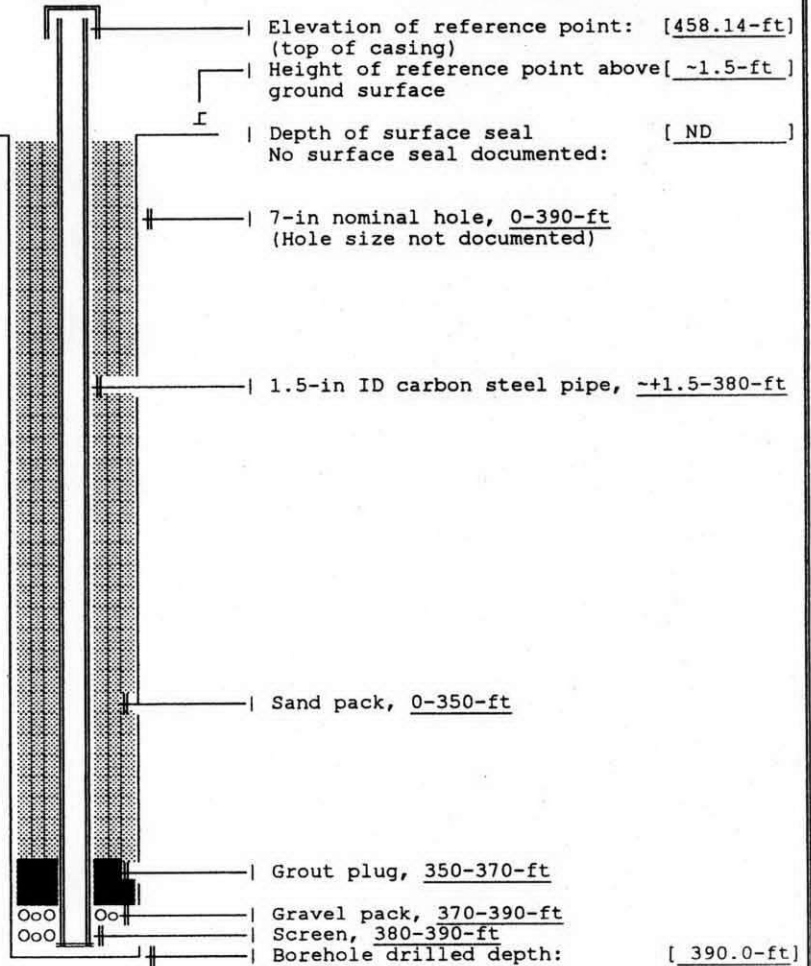
Drilling Method: Mud Rotary
 Drilling Fluid Used: Mud
 Driller's Name: Wood/Lovdahl
 Drilling Company: Not documented
 Date Started: 26Jan66
 Sample Method: Mud return
 Additives Used: Not documented
 WA State Lic Nr: Not documented
 Company Location: Cour d'Alene ID
 Date Complete: 02Feb66

WELL NUMBER: 699-14-E6R A8313 TEMPORARY WELL NO: 14-E6-R
 Hanford
 Coordinates: N/S N 13,787 E/W E 5,508
 State Coordinates: N 419,103 E 2,300,798
 Start Card #: Not documented T 12N R 28E S 33R3
 Elevation Ground surface: 456.6-ft Estimated

Depth to water: 71-ft Feb66
 (Ground surface)

GENERALIZED Driller's
 STRATIGRAPHY Log

0-60: SAND and GRAVEL
 60-75: SAND and GRAVEL, few COBBLES
 75-113: BOULDERS, COBBLES, and GRAVELS
 113-225: COBBLES, BOULDERS, and GRAVEL
 225-236: GRAVEL, COBBLES, BOULDERS & CLAY
 236-285: GRAVEL and CLAY
 285-295: COBBLES and GRAVEL
 295-300: COBBLES, BOULDERS, GRAVEL
 300-390: Sandy CLAY and GRAVELS



Drawing By: RKL/6N14E06R.ASB
 Date : 13Sep94
 Reference : HANFORD WELLS

SUMMARY OF CONSTRUCTION DATA AND FIELD OBSERVATIONS
RESOURCE PROTECTION WELL - 699-14-E6R

WELL DESIGNATION : 699-14-E6R
RCRA FACILITY : Not applicable
CERCLA UNIT : Not applicable
HANFORD COORDINATES : N 13,787 E 5,508 [HANFORD WELLS]
LAMBERT COORDINATES : N 419,103 E 2,300,798 [HANCONV]
DATE DRILLED : Feb66
DEPTH DRILLED (GS) : 390.0-ft
MEASURED DEPTH (GS) : Not documented
DEPTH TO WATER (GS) : 71-ft, Feb66
CASING DIAMETER : 1 1/2-in, carbon steel, (nominal) ~+1.5-370.0-ft
ELEV TOP OF CASING : 458.14-ft, [HANFORD WELLS]
ELEV GROUND SURFACE : 456.6-ft, Estimated
PERFORATED INTERVAL : Not applicable
SCREENED INTERVAL : 380-390-ft
COMMENTS : FIELD INSPECTION,
OTHER:
AVAILABLE LOGS : Driller
TV SCAN COMMENTS : Not applicable
DATE EVALUATED : Not applicable
EVAL RECOMMENDATION : Not applicable
LISTED USE : No water level measurement data;
CURRENT USER : None documented
PUMP TYPE : None documented
MAINTENANCE :

Query HWIS again

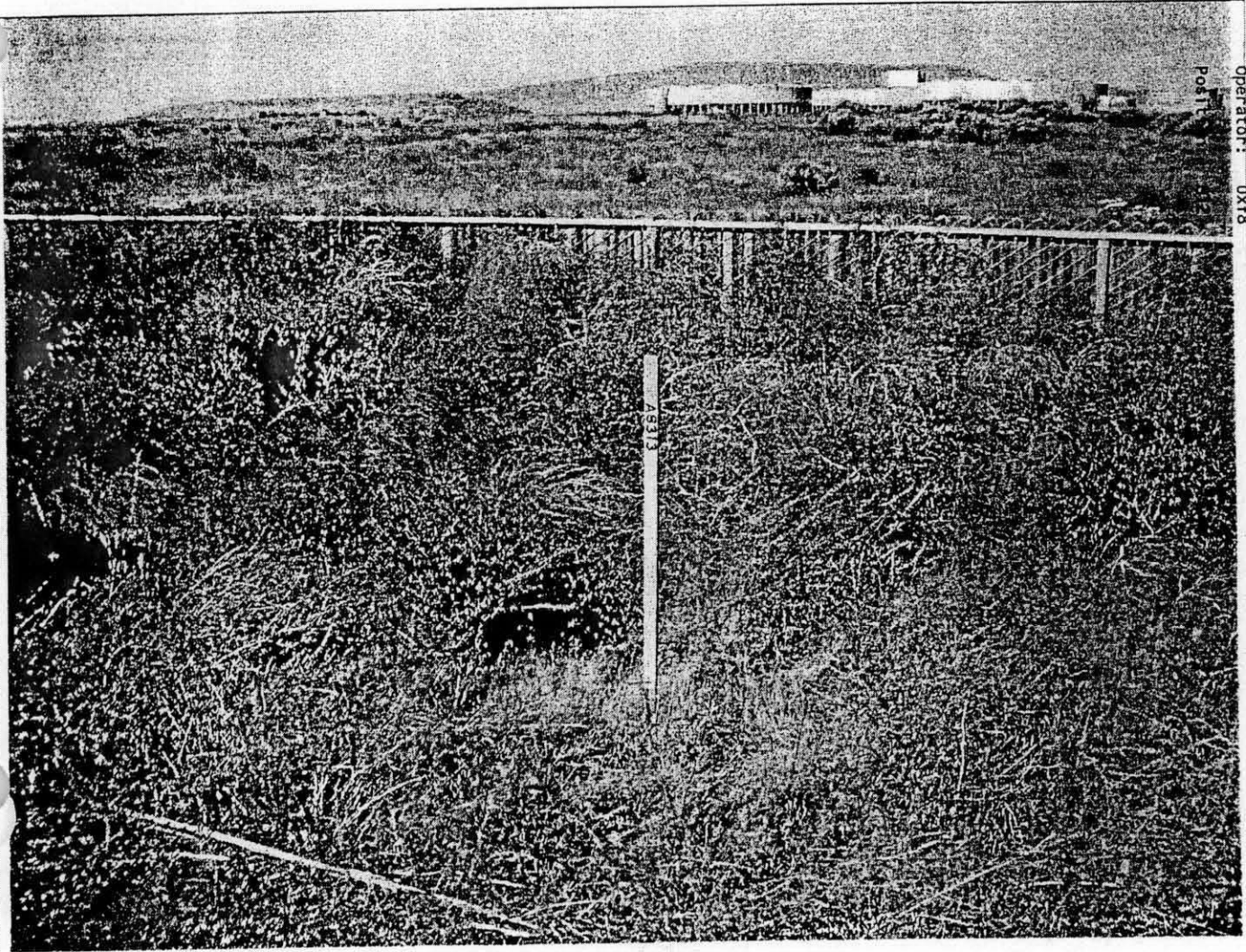
HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNIT
A8313	699-14-E6R	UNKNOWN	NAD83	01/01/1801	CONVERTED	127726.463	591594.665	m

A 8313

SURVEY DATA REPORT				Request No. 073-268	
Project No. N/A		Title: Well Decommissioning A8313		File No. 6AT11R28	
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 6/8/2007	Reviewer SAW	Page 1 of 2	
DESCRIPTION OF WORK			DISTRIBUTION	SDR	PLOT
Survey well location for A8313. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Geoid Model: Geoid03 Units: Meters			Survey File	OR	
			B. Howard	1	
			C. Wright	1	
			G. Kelty	1	
			E. Rafuse	1	
			W. D. Webber	1	
SURVEY RESULTS AND COMMENTS					
Well ID# A8313 was not found at the listed coordinates: N127726.46 E591594.67 Set hub and lath. See Photo Equipment Used: Trimble 5800 GPS Receiver, RTK					
NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.					

E-NW-246 (09/04)



Error: MissingData

Operator: 0x18

Pos: 1

A8313/699-14-EGR

[illegible]

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS	SOURCE	DATE_OF_SOUR
A8313	699-14-E6R	02/02/1966		390	ft		WELL CONSTRUCTION & COMPLETION SUMMARY/ ASBUILT	09/13/1994

Query HWIS again

HWIS Interface - Survey Information - Vertical

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	SURVEY_DATE	MEASUREMENT_METHOD	ELEVATION	SURVEY_UNITS	QUALIFI
A8313	699-14-E6R	HEIS	01/26/1966	CONVERTED	140.688	m	

A-7600-059 (9-60)

SHEET
NO.

W E L L L O G

$$\begin{array}{r} 456 \\ 232 \\ \hline 222 \end{array}$$

Drilling

CO

DATE

CAC 159

DEPTH OF HOLE

DEPTH OF HOLE

OTHER DATA

EXPLANATION

DATE

DRILLER

(7D-1)

S. L. L. L.

DEPTH

TIME

TIME

GOING

FORWARD

WELL NO.

12-F-6-R

TYPE SOIL

TIME

1/27/66
800-2000
2000-3000

2000

1900

1500

1000

113

105

90

75

Boulders, cobbles + gravel

Boulders, cobbles + gravel

Boulders, cobbles + gravel

New Box

95

90

75

0

100

100' 95' 90' 75' 0'

REMARKS

Broke down into steps



Repairing After Survival

REFERENCES

[illegible]

J.R. Raymond DRILLING PROJECT NO. *C.A.C. 159*

RIG NO. *C7D-1* WELL NO. *12E-6-R* DATE *1/31/66*

DRILLER *F. Word Skowdahl* FOREMAN *C. LARVER* SHIFT *0800-1600* DEPTH COMPLETION OF SHIFT *195'*

0800-2400 *2400-0800* *300'*

DRILLING		CORING		TYPE SOIL	TIME	EXPLANATION
TIME	DEPTH	TIME	DEPTH			
0800	195			Cobbles-Boulders GRAVEL		
1600	210			Cobbles Boulders GRAVEL		
	SHIFT Change					
2100	225			Cobbles Boulders-GRAVEL		NEW BIT at 217
2400	236			Cobbles Boulders-GRAVEL + CLAY		235
	SHIFT Change					
0030	240			GRAVEL + CLAY		
0130	257			GRAVEL + CLAY		
0230	270			GRAVEL + CLAY		
0330	285			GRAVEL + CLAY		
0500	295			Cobbles + GRAVEL		NEW BIT - 29377
0730	300			Cobbles + Boulders GRAVEL		
	SHIFT Change					

REMARKS

Fix Kelly Bushing Fix WATER swivel Fix Mud Pump

TIME	DEPTH	TIME	DEPTH	TYPE SOIL	TIME	EXPLANATION
0800	255'			Boulders, Cobble ss. gravel		
1030	300'		299'	Boulders, Cobble ss. gravel		
1210	315'			Sandy Clay w/ Gravels		
1310	330'			Sandy Clay w/ Gravels		
1400	345'			Sandy Clay w/ Gravels		
1515	360'			Sandy Clay w/ Gravels		
1610	375'			Sandy Clay w/ Gravels		
1730	390'			Sandy Clay w/ Gravels		



Roll Drill Rods out of Hole
Start Running Mix. Casing

Develop hole # 127-6-9 with air from 10:00-14:00 yhr.

C.A.C. 159
390'
375'
DEPTH CORRECTION OF 100'

DATE 2/1/66
SHEET 0500 - 1600
1600-2400 - 2400-0500

WELL NO. D.F.C.-R
FOREMAN

LOG NO. C90-1
SITES S. 1-101 C. 100-2

DILLING

699-14-E6Q

Location: N13749, E5507

12/28-33R2

Casing Elevation: 457.91

Mud rotary, drilled by Word & Lovdahl of
Pitcher Drilling Company for BNWL, 1966,
groundwater monitoring borehole

Material (1)	Thickness	Depth
Sand & gravels	75	75
Gravel cobbles-boulders	1	76
Gravel cobbles-boulders	3	79
Cobbles, boulders & gravel	11	90
Gravel boulders & gravel	15	105
Gravel & boulders	15	120
Cobbles, boulders, & gravel	60	180
Cobbles, gravel	3	183
Some silty clay w/gravels.	5	188
Cobbles, gravel	7	195
Gravel & boulders	10	205
Cobbles, boulders, gravel.	33	238
Sandy clay & gravel	15	285
Sand, clay w/gravel	32	270
Gravel, cobbles, boulders	32	302
Sandy clay w/gravels	28	330
Sandy, more clay	15	345
Sand clay w/gravels	15	360
Clay w/sand & gravels	42	402
Basalt	33	435
Blue clay w/gravels	14	449
Basalt	3	452

699-14-E6R

Location: N13787, E5508

12/28-33R3

Casing Elevations: 458.14

Mud rotary, drilled by Word & Lovdahl of
Pitcher Drilling Company for BNWL, 1966,
groundwater monitoring borehole

Material (1)	Thickness	Depth
Sand & gravel	60	60
Sand & gravels, few cobbles	15	75
Boulders, cobbles, & gravels	38	113
Cobbles, boulders, gravel	82	235
Cobbles, boulders, gravel, & clay.	1	236
Gravel & clay	49	285
Cobbles & gravel	10	295
Cobbles & boulders & gravel;	4	299
Sandy clay w/gravels	91	390

HANFORD WELLS
 PNL-8800 UC-903
 M.A. Channess & J.K. Merz
 August 1993
 Prepared for U.S. Dept of Energy under
 Contract DE-AC06-76RLO 1830
 Pacific NW Lab by Battelle Memorial Institute